service disabled veteran owned small business

August 07, 2007

Mr. Craig Thomas
On-Scene Coordinator
Emergency Response Branch
U.S. Environmental Protection Agency Region 5
77 West Jackson Boulevard
Chicago, Illinois 60604

Subject: **Site Assessment Report**
US Scrap Site
Chicago, Cook County, Illinois
Technical Direction Document No. S05-0706-001
STN Environmental, JV Contract No. EP-S5-06-03

Dear Mr. Thomas:

TN & Associates, Inc., a member of the STN Environmental Joint Venture with Sullivan International Group, Inc., is submitting the enclosed site assessment report for the US Scrap site in Chicago, Illinois. If you have any questions or comments about the report or need additional copies, please contact me at (312) 220-7000 or Raghu Nagam at (312) 220-7005.

Sincerely,

Ronald Bugg
Project Manager, STN Environmental JV

Appendix A: Photographic Log
Appendix B: Validated Analytical Package

cc: Gail Stanuch, START Project Officer
Raghu Nagam, START Program Manager

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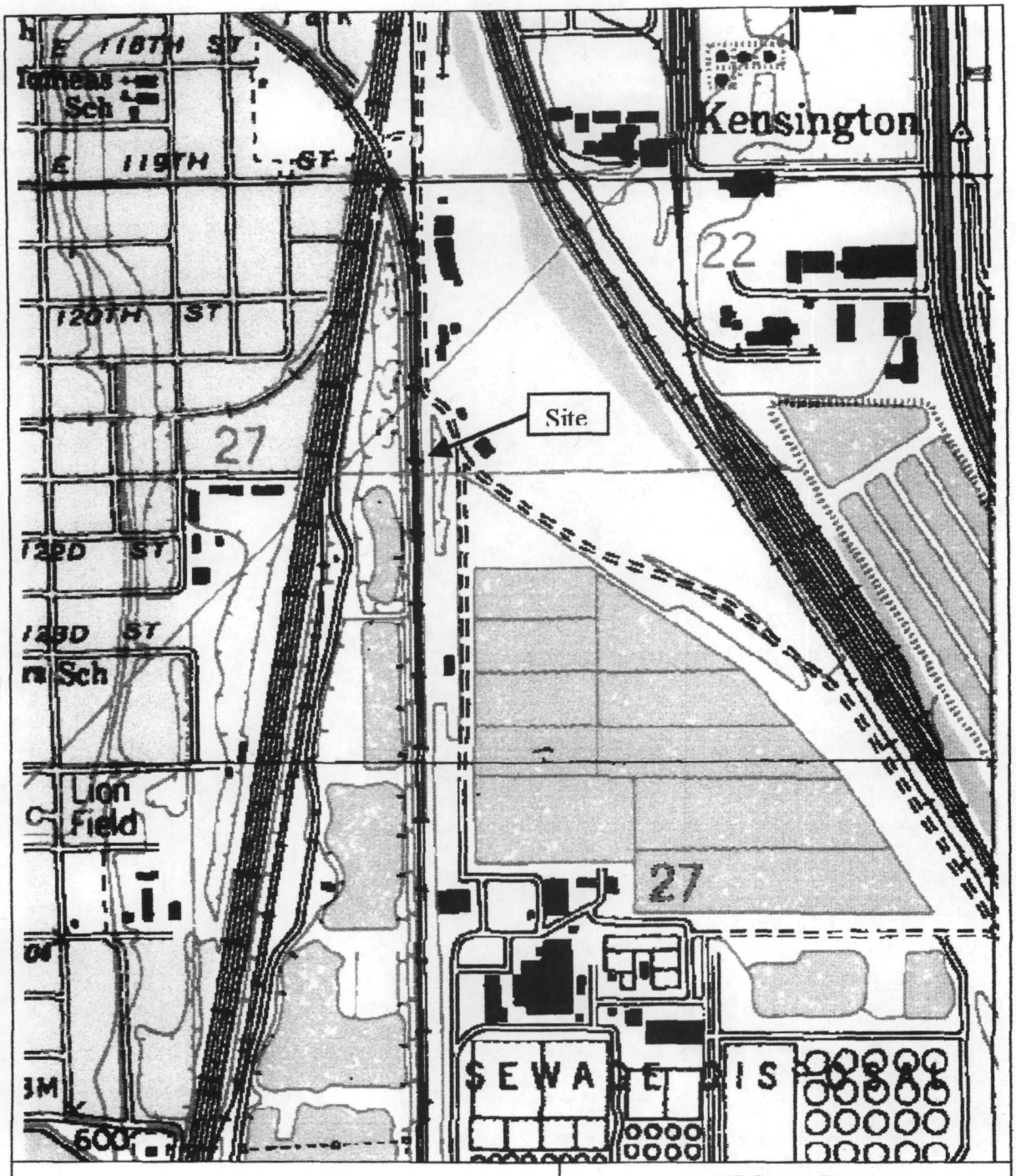

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NORTH

Source: USGS Chicago, Southeast (IL) Topographic Map, 2000

US Scrap Site
Chicago, Cook County, Illinois
TDD No. S05-0706-001

Figure 1
Site Location Map

STN Environmental JV

1. INTRODUCTION

T N & Associates, Inc. (TN&A), a member of the STN Environmental Joint Venture with Sullivan International Group, Inc. (Sullivan), has prepared this site assessment report in accordance with the requirements of U.S. Environmental Protection Agency (U.S. EPA) Technical Direction Document (TDD) No. S05-0706-001 under the Superfund Technical Assessment and Response Team (START) contract No. EP-S5-06-03. The scope of this TDD was to conduct a site assessment at the US Scrap site in Chicago, Cook County, Illinois. START was tasked to prepare a site-specific Health and Safety Plan, sampling and analysis plans, subcontract an analytical laboratory, collect surface and subsurface soil samples along with surface water samples, evaluate analytical data, document on-site conditions with written logbook notes and still photographs, and prepare this site assessment Report. Ronald Bugg of TN&A was the START Project Manager and Lea Cole of Sullivan and Naren Babu of TN&A assisted with the sampling activities.

This Site Assessment Report discusses the site background, site assessment activities, sample analytical results, and potential site-related threats, and includes a summary of the site assessment, Appendix A contains a photographic log of site activities and Appendix B contains the validated analytical data package for samples collected by START.

3. SITE ASSESSMENT ACTIVITIES

Site Assessment activities for the investigation at the US Scrap site, includes a site reconnaissance and sampling event are discussed below. Photographs taken during these activities are provided in Appendix A.

3.1 Site Reconnaissance

Prior to mobilizing to the Site, START developed a Field Sampling and Analysis Plan and a site specific health and safety plan for the site activities. START also contacted the Chicago Utility Alert Network, CUAN-DIGGER, to identify and mark underground utilities serving the Site property. Digger informed that START that there were no underground utilities present at the Site. The US EPA received approval from the court system to gain access to the property and to conduct a site investigation of the property.

On June 25, 2007, On-Scene Coordinator (OSC) Craig Thomas and START members Ron Bugg, Naren Babu and Lea Cole mobilized to the Site. After conducting a safety briefing, the group proceeded to gain access by removing the locked chain on the gate. The OSC and START conducted a site reconnaissance of the area of concern at the US Scrap Site to determine the best sampling approach. A power auger along with a hand auger was used to collect subsurface soil.

The Site is inactive and has heavy vegetation on several areas along with several areas of stressed vegetation where the swale and ditch were located on the east side of the property. The facility had several pieces of machinery on-site where the former processing machinery was left abandoned and in poor condition. During the reconnaissance, a drainage ditch was noted along the east side property line between the Site and MWRDGC. The swale (see figure 2) was more than 100-feet long and the maximum width was approximately 30 feet. The swale is bordering the property line between MWRDGC and the Site close to the drying beds of MWRDGC. The swale area along with several areas of the ditch were discolored and potentially contaminated. An open vat of approximately 250 gallons in size was located near the former loading dock (see figure 2). The vat potentially contained rainwater and other unknown contaminants. A former incinerator and a few silos were also detected near the west end of the property (see figure 2).

3.2 Sampling Activities

Based on the Site reconnaissance, a sampling strategy was developed to collect five soil and four water samples. The soil samples consisted of one sample from the ditch, one sample from sludge pit 1, two samples from the swale and one sample near the former loading dock. The four water samples consisted of two samples from the swale, one sample from sludge pit 3, and one sample from the vat (see figure 3).

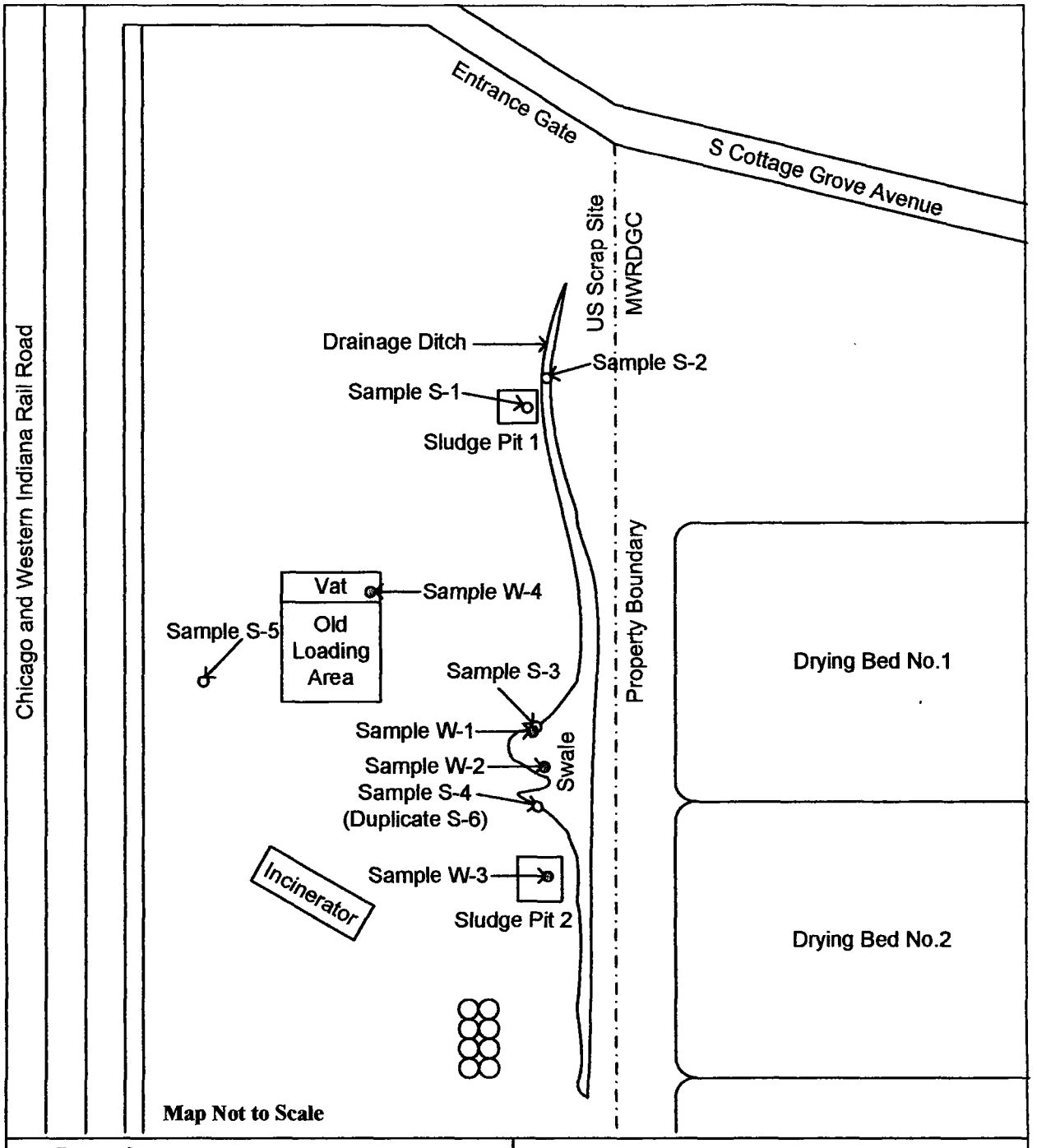
The START Field Sampling and Analysis Plan for the Site documents sampling locations, sampling procedures, and analytical parameters (VOCs, Toxic Characteristic Leaching Procedure [TCLP] VOCs, SVOCs, TCLP SVOCs, total Resource Conservation and Recovery Act [RCRA] metals [metals], TCLP metals, poly aromatic hydrocarbons [PAHs], PCBs, pesticides, and pH).

One soil sample, S-1, was collected near sludge pit 1. Initially, the first attempt to collect was discontinued at 0 to 1 feet interval due to the Auger encountering a buried drum near sludge pit 1. The power auger was moved approximately 2 feet to the east of the original location. The power auger penetrated to approximately 2 feet in depth and the remaining foot was removed using a hand auger. Soil sample was collected with a hand auger at a depth ranging from 2.5 to 3 feet.

Sample S-2 was collected approximately 50 feet north of S-1 along the ditch area. After drilling 2.5 feet deep hole, the power auger stopped penetrating. The hand auger was used to advance into the soil from 2.5 feet to 3 feet and soil sample S-2 was collected from 2.5 to 3 feet interval.

Soil sample S-3 was collected from the north side of the swale approximately 150 feet south of S-2. The auger sample was collected near the edge of the swale. Sample was collected at a depth of 2 to 3 feet bgs. Once the saturated soil was removed, the hole immediately recovered with water that was potentially contaminated with VOCs. Initial head space reading over the hole after the soil sample was removed had levels of 55 parts per million (ppm) on the Multi-RAE photo-ionizing detector, an organic vapor monitoring instrument.

Soil sample S-4 was collected form the south side of the swale from 0 to 1 feet interval. A field duplicate (S-6) was collected from the location where soil sample S-4 was collected. The material collected was similar to the material collected from S-3.



Legend

- Silos
- MWRDGC — Metropolitan Water Reclamation District of Greater Chicago
- Soil sample location
- Water sample location

Source: OSC Report, US Scrap, 1986.

NORTH

US Scrap Site,
Chicago, Cook County, Illinois
TDD No. S05-0706-001

Figure 3
Sample Location Map

Soil sample S-5 was collected southwest of the deteriorated loading area, approximately 150 feet northwest of S-3. The sample was collected from swale area on the west side near the former loading dock area, directly east of the railroad tracks. Sample S-5 was collected using a power auger at a depth of 3 to 4 feet interval. The sample was a grayish color and had several different pigments of possible paints, (see figure 3 for sample locations).

All surface soil and subsurface soil samples were collected into two 8-oz jars, two 40-mL glass vials with sodium bisulfate preservative and one 40-mL glass vial with methanol preservative. Glass vials were filled with 5 grams of soil using Encore™ samplers.

Water sample W-1 was collected from the north side of the swale from the same location as soil sample S-3 was collected. Water sample W-2 was collected from the center of the swale. Water sample W-3 was collected from sludge pit 3 which is approximately 30 feet south of the swale. W-4 was collected near the former loading dock area from the vat.

Water samples were collected into four 1-L glass amber jars, one 500-mL high density poly ethylene bottle and three 40-mL glass vials containing hydrochloric acid preservative for VOCs analyses. The vials were completely filled with water without any air bubbles.

Samples were labeled appropriately and placed in a bubble wrap before packaging them into the cooler with ice. On June 26, 2007, the samples were hand delivered to STAT Analysis Corporation in Chicago, Illinois for analyses. All samples were analyzed for VOCs, TCLP VOCs, SVOCs, TCLP SVOCs, metals, TCLP metals, PAHs, PCBs, Pesticides and pH.

4. ANALYTICAL RESULTS

START reviewed sample analytical data and supporting quality assurance/quality control (QA/QC) data provided by STAT Analysis Corporation. The validated data package is included in Appendix B. Based on START QA/QC data validation, the data are acceptable for use as qualified. Table 1 lists detected analytes and their concentrations. The analytical results of duplicate soil sample S-6 were comparable to the results for original soil sample S-4.

Analytical parameters were selected based on potential disposal requirements. All samples were tested for VOCs, TCLP VOCs, SVOCs, TCLP SVOCs, metals, TCLP metals, PAHs, PCBs, Pesticides and pH.

Benzene, toluene, ethylbenzene, xylene, trichloroethylene (TCE), tetrachloroethylene, chlordane, alpha-chlordane, gamma-chlordane, cadmium, lead, fluoranthene, naphthalene and PCBs were the most prevalent contaminants detected. Potential site-related threats were evaluated in relation to the contaminants' ignitability, corrosivity, and reactivity against criteria listed in 40 CFR, Parts 261.21, 261.22, and 261.23, respectively. Toxicity characteristics of site contaminants were evaluated against concentrations summarized in 40 CFR, Part 261.24, Table 1, "Maximum Concentration of Contaminants for the Toxicity Characteristic."

Analytical results of four soil samples exceeded the TCLP concentrations of one or more constituents listed in 40 CFR Part 261.24 Table 1, indicating hazardous waste characteristics. Results for samples S-1, S-2, S-3 and S-5 exceeded TCLP regulatory limit of 0.5 mg/L for benzene. Analytical results for S-5 exceeded TCLP regulatory limit of 0.7 mg/L for tetrachloroethene. Analytical results for S-1 and S-5 exceeded TCLP regulatory limit of 0.5 mg/L for TCE. Analytical results for S-5 exceeded TCLP regulatory limit of 1.0 mg/L for cadmium. Analytical results for S-5 exceeded TCLP regulatory limit of 5.0 mg/L for lead.

Analytical results of all five soil samples indicated PCB concentrations equal to or more than 50 mg/Kg. These concentrations exceed the maximum concentration of 50 ppm PCBs allowed for non-TSCA regulated landfill disposal, as described in 40 CFR Section 761. Total PCBs for samples S-1, S-2, S-3, S-4 and S-6 were between 50 to 500 mg/Kg. Total PCBs for sample S-5 was higher than 500 mg/Kg at 7,980 mg/Kg. Analytical results for S-1, S-4, S-5 and duplicate S-6 exceeded 150 mg/Kg for chlordane. The underlying hazardous constituent (UHC), such as chlordane for land disposal restriction is 0.26 mg/kg. The S-5 sample was collected from 3 to 4 feet bgs. Since S-5 sample was not from the surface,

pesticides could have possible come from recycling and dumping operations and placing the material into a pit.

Table 1 Total Metals Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
Arsenic	**5.6**	**7.1**	**11**	**7.2**	ND	**7.6**	**2.2**	**0.012**	**0.01**	ND
Barium	**180**	**320**	**160**	**95**	**5200**	**110**	**6.2**	**0.065**	**0.16**	**0.18**
Cadmium	**35**	**2.2**	**2.7**	ND	**150**	ND	ND	ND	ND	ND
Chromium	**460**	**210**	**500**	**160**	**7500**	**170**	**130**	**0.026**	**0.04**	ND
Lead	**1200**	**530**	**510**	**85**	**19000**	**98**	**34**	**0.011**	**0.096**	ND
Mercury	ND	ND	**0.21**	**0.083**	**2.5**	**0.11**	**0.088**	ND	ND	ND
Selenium	**3.1**	**1.8**	ND	**3.4**	ND	**3.3**	ND	**0.026**	**0.0097**	ND
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

mg/Kg-dry milligram per kilogram dry sediment.
mg/L milligram per liter.

Bolded results exceeded the laboratory's detection limit for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.
W-1 was analyzed as an oil material and the unit was mg/kg.
All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 2 TCLP Metals Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/L)					
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***
Arsenic	ND	ND	ND	ND	ND	ND
Barium	0.11	0.95	0.22	0.34	4.3	0.35
Cadmium	ND	ND	ND	ND	**1.5**	ND
Chromium	0.014	ND	ND	ND	0.46	ND
Lead	0.34	0.02	0.068	ND	**28**	ND
Mercury	ND	ND	ND	ND	ND	ND
Selenium	ND	ND	ND	ND	ND	ND
Silver	ND	ND	ND	ND	ND	ND

Notes:

mg/L milligram per liter.
Bolded results exceeded the TCLP concentration listed in 40 CFR Part 261.24 Table 1 for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 3 Polychlorinated Biphenyls Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
Aroclor 1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1242	**59**	**13**	**29**	**63**	**320**	**61**	**240**	ND	ND	ND
Aroclor 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor 1254	**92**	**22**	**57**	**250**	**960**	**210**	**380**	ND	ND	ND
Aroclor 1260	**56**	**15**	**17**	**73**	**6700**	**74**	**190**	ND	ND	ND
Total PCBS	**207**	**50**	**103**	**386**	**7980**	**345**	**810**	ND	ND	ND

Notes:

mg/Kg-dry milligram per kilogram dry sediment.
mg/L milligram per liter.
Bolded results exceeded the laboratory's detection limit for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.
W-1 was analyzed as an oil material and the unit was mg/kg.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 4 Volatile Organic Compounds Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
Acetone	ND	ND	ND	ND	ND	ND	ND	**0.19**	ND	ND
Benzene	**360**	**420**	**220**	**25**	**140**	**20**	**780**	**0.019**	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ND	ND	**250**	ND	**2000**	ND	ND	**0.073**	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	**790**	ND	ND	ND	ND	**23**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.19**
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3- Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	**3400**	**2300**	**3500**	**85**	**5900**	**17**	**14000**	**0.023**	ND	**0.14**

Table 4 Volatile Organic Compounds Analytical Results (continued)
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	**970**	ND	**780**	**68**	**2000**	**140**	**1800**	**0.13**	ND	**3**
Methylene chloride	**3700**	ND	ND	ND	**1400**	ND	ND	ND	ND	**0.25**
Methyl tert-butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	**680**	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	**280**	ND	ND	ND	**1900**	ND	ND	ND	ND	ND
Toluene	**11000**	**2400**	**5700**	**250**	**21000**	**62**	**26000**	ND	ND	**9.3**
1,1,1-Trichloroethane	ND	ND	ND	ND	**1900**	ND	ND	ND	ND	**1.6**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	**2000**	ND	ND	ND	**19000**	ND	ND	ND	ND	**0.061**
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.52**
Xylenes, Total	**17000**	**12000**	**16000**	**490**	**29000**	**85**	**84000**	**0.16**	ND	**0.64**

Notes:

mg/Kg-dry milligram per kilogram dry sediment.
mg/L milligram per liter.
Bolded results exceeded the laboratory's detection limit for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.
W-1 was analyzed as an oil material and the unit was mg/kg.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 5 TCLP Volatile Organic Compounds Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/L)					
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***
Benzene	**1.4**	**3.4**	**2.1**	0.14	**1.1**	0.12
2-Butanone	3	ND	3.5	ND	37	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	0.61	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	ND	ND	ND	**2.1**	ND
Trichloroethene	**4.3**	ND	ND	ND	**60**	ND
Vinyl chloride	ND	ND	0.19	ND	ND	ND

Notes:

mg/L milligram per liter.
Bolded results exceeded the TCLP concentration listed in 40 CFR Part 261.24 Table 1 for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 6 Semi-Volatile Organic Compounds Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
Aniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	**470**	**260**	**340**	**150**	**380**	**66**	**2800**	ND	**0.036**	ND
4-Bromophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	ND	**2.5**	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	ND	**7.1**	**7.1**	ND	ND	ND	**32**	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	ND	ND	ND	ND	ND	ND	**7.6**	ND	ND	ND

Table 6 Semi-Volatile Organic Compounds Analytical Results (continued)
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
2,4-Dimethylphenol	ND	ND	ND	**17**	ND	**18**	**160**	ND	ND	ND
Dimethyl phthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	**120**	**8.4**	**63**	ND	**170**	ND	**430**	ND	ND	ND
Di-n-octyl phthalate	ND	**3.5**	ND	ND	**160**	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	**53**	ND	ND	ND	**660**	ND	ND	ND	ND	ND
2-Methylnaphthalene	**170**	**64**	**160**	ND	**85**	ND	**1100**	ND	ND	ND
2-Methylphenol	**92**	ND	ND	ND	**69**	ND	ND	ND	ND	**0.18**
4-Methylphenol	**150**	ND	ND	**5.3**	**150**	ND	ND	ND	**0.21**	**0.18**
2-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodi-n-propylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 6 Semi-Volatile Organic Compounds Analytical Results (continued)
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
N-Nitrosodimethylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2, 2'-oxybis(1-Chloropropane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	**190**	ND	ND	ND	**190**	ND	ND	ND	ND	ND
Pyridine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

mg/Kg-dry milligram per kilogram dry sediment.
mg/L milligram per liter.
Bolded results exceeded the laboratory's detection limit for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.
W-1 was analyzed as an oil material and the unit was mg/kg.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 7 TCLP Semi-Volatile Organic Compounds Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/L)					
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND
Hexachloroethane	ND	ND	ND	ND	ND	ND
Nitrobenzene	ND	ND	ND	ND	ND	ND
2-methylphenol	1.3	ND	ND	0.022	1.4	0.019
3- & 4-Methylphenol	2.7	0.077	1.1	ND	3.1	ND
Pentachlorophenol	ND	ND	ND	ND	ND	ND
Pyridine	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND	ND	ND

Notes:

mg/L milligram per liter.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 8 Poly Aromatic Hydrocarbons Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
Acenaphthene	**0.095**	**9.9**	**11**	**0.27**	ND	**0.19**	**8.9**	**0.0021**	ND	ND
Acenaphthylene	**0.013**	**1.6**	**3.4**	**0.58**	**0.12**	**0.56**	**10**	ND	ND	**0.0024**
Anthracene	**0.064**	**6.9**	**9.2**	**1.4**	**0.17**	ND	**61**	ND	ND	ND
Benz(a)anthracene	**0.14**	**11**	**12**	**3.7**	**0.29**	**1.5**	**52**	ND	ND	ND
Benzo(a)pyrene	**0.031**	**3.4**	**3.1**	**3**	**0.091**	**3.2**	**11**	ND	ND	ND
Benzo(b)fluoranthene	**0.051**	**5.1**	**4.2**	**3.3**	**0.2**	**2.3**	**16**	ND	ND	ND
Benzo(g,h,i)perylene	**0.034**	**2.4**	**0.16**	**5.2**	**0.064**	**5**	**9.2**	ND	ND	ND
Benzo(k)fluoranthene	**0.063**	**3.4**	**3.6**	**1.7**	**0.12**	**1.4**	**13**	ND	ND	ND
Chrysene	**0.2**	**11**	**13**	**9.3**	**0.41**	**6**	**56**	**0.0014**	**0.0012**	ND
Dibenz(a,h)anthracene	**0.0069**	**0.75**	**0.064**	**1.5**	ND	**1.4**	**2.3**	ND	ND	ND
Fluoranthene	**0.43**	**28**	**30**	**6.2**	**0.8**	**1.8**	**140**	ND	ND	ND
Fluorene	**0.12**	**11**	**13**	**0.47**	**0.38**	**0.4**	**68**	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.038**	**2.6**	**0.16**	**4.7**	**0.064**	**4.7**	**9**	ND	ND	ND
Naphthalene	**3.2**	**160**	**450**	**5.8**	**22**	**4**	**2800**	**0.013**	**0.0034**	**0.022**
Phenanthrene	**0.52**	**34**	**48**	**2.7**	**1.4**	**1.6**	**270**	**0.0024**	**0.0016**	**0.0013**
Pyrene	**0.36**	**22**	**27**	**9.9**	**0.63**	**3.5**	**120**	ND	ND	ND

Notes:

mg/Kg-dry milligram per kilogram dry sediment.
mg/L milligram per liter.
Bolded results exceeded the laboratory's detection limit for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.
W-1 was analyzed as an oil material and the unit was mg/kg.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 9 Pesticides Analytical Results
US Scrap Site Assessment

	Soil Samples (mg/Kg-dry)						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1 (mg/kg)**	**W-3**	**W-2**	**W-4**
4,4′-DDD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4′-DDE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4′-DDT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
alpha-Chlordane	**22**	**2.7**	**3.5**	**15**	**140**	**14**	**4.9**	ND	ND	ND
beta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	**190**	**27**	**35**	**160**	**820**	**150**	**49**	ND	ND	ND
delta-BHC	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma-BHC	ND	ND	ND	ND	**1**	ND	ND	ND	ND	ND
gamma-Chlordane	**21**	**3**	**3.9**	**20**	**120**	**20**	ND	ND	ND	ND
Heptachlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

mg/Kg-dry milligram per kilogram dry sediment.
mg/L milligram per liter.
Bolded results exceeded the laboratory's detection limit for that analyte.
ND Non-detect. Analyte was not detected above the laboratory's detection limit.
* S-6 is a duplicate sample of S-4.
W-1 was analyzed as an oil material and the unit was mg/kg.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

Table 10 pH and moisture content Analytical Results
US Scrap Site Assessment

	Soil Samples						Water Samples (mg/L)			
Analyte	**S-1**	**S-2**	**S-3**	**S-4**	**S-5**	**S-6***	**W-1**	**W-3**	**W-2**	**W-4**
pH	6.8	8.3	8.3	7.4	6.9	7.5	6.2	7.8	7.7	6.1
Moisture Content (%)	32.3	22.9	24.0	67.7	27.8	69.0	N/A	N/A	N/A	N/A

Notes:

N/A Not Applicable for water samples
* S-6 is a duplicate sample of S-4.

All analyses were conducted by STAT Analysis Corporation, Chicago, Illinois, under TDD.No: S05-0706-002.

5. POTENTIAL SITE-RELATED THREATS

The threats posed by the Site were evaluated in accordance with Title 40 of the *Code of Federal Regulations* (CFR), Section 300.415(b) (2). Paragraph (b) (2) of 40 CFR Section 300.415 lists factors to be considered when determining the appropriateness of a potential removal action at a site. Potential site-related threats to human health and the environment were evaluated based on the criteria listed in 40 CFR, Sections 261.20 through 261.24. Factors that are applicable to the Site are discussed below.

Actual or potential exposure to nearby human populations, animals, or the food chain from hazardous substances or pollutants or contaminants.

START sampling results indicate the presence of hazardous substances in surface and subsurface soils and surface water at the Site. START noticed dead plants and discolored plants at several areas along the swale or draining ditch lying along property line between the Site and MWRDGC. During the Site Assessment, START observed insects, birds, ticks and mosquitoes inhabiting at the Site. These animals can potentially serve as carriers for contaminants and result in potential exposure to the nearby human population.

Soil borings collected from the northwest side of Drying Bed No.1 of MWRDGC near the Site boundary and the swale were found to be heavily impacted with several VOCs, SVOCs, PAHs, PCBs and pesticides. The water from the swale is suspected to have leached into the MWRDGC property and contaminated the subsurface soil near Drying Bed No.1. This contaminated soil can potentially result in contaminating the sludge that may be dried in the drying beds. Personnel conducting various operations near the drying beds could be exposed to the hazardous substances. If the dried sludge is used by farmers, landscapers or citizens as a fertilizer, then plants, animals and human population can potentially be exposed to the hazardous substances originated from the Site.

The nature of hazardous substances and their potential exposure-related health effects are discussed below. Inhalation of benzene, the most prevalent on-site contaminant detected, can cause drowsiness, dizziness, and unconsciousness. Long-term benzene exposure affects bone marrow and can cause anemia and leukemia. Benzene is a known carcinogen. Long-term exposure to high levels of benzene in the air can cause leukemia and cancer of blood-forming organs. Drinking or breathing high levels of TCE, which was also detected on site, may cause nervous system effects, liver and lung damage, abnormal heartbeat, coma, and possibly death. Breathing small amounts may cause headaches, lung irritation,

dizziness, poor coordination, and difficulty concentrating. Dermal contact with TCE for short periods may cause skin rashes, headaches, lung irritation, dizziness, poor coordination, and difficulty concentrating. Exposure to very high concentrations of tetrachloroethylene can cause dizziness, headaches, sleepiness, confusion, nausea, difficulty in speaking and walking, unconsciousness, and death. The DHHS has determined that tetrachloroethylene may reasonably be anticipated to be a carcinogen. Tetrachloroethylene has been shown to cause liver tumors in mice and kidney tumors in male rats. Exposure to chlordane happens mostly from eating contaminated foods and milk, or skin contact with contaminated soil. At high levels, they can cause damage to the human nervous system. Lead can be inhaled in workplace air or dust ingested in contaminated foods, and imbibed through contaminated water. Lead can damage the nervous system, kidneys, and reproductive system. Exposure to high levels can result in neurological effects and brittle hair and deformed nails. Exposure to PCBs can cause irritated eyes, chloracne, liver damage and reproductive effects. The PCBs are potent liver toxins that can be absorbed through the skin in hazardous amounts without immediately discernible pain or discomfort. Where liver damage is extensive, the patient may become comatose and die. The higher the chlorine content of the biphenyl compound, the more probable it is toxic. Aroclor 1254 and Aroclor 1260 present in all soil samples at high levels have high chlorine content and extremely toxic. The PCBs are considered a potential occupational carcinogen.

Actual or potential contamination of drinking water supplies or sensitive ecosystems.

The Site is approximately 1.5 miles from the Little Calumet River. The Little Calumet River flows in to Lake Michigan, which is the drinking water source for the metropolitan Chicago area. The surface water at the Site showed contamination and has the potential to migrate to off-site via the on-site ditch.

Hazardous substances or pollutants or contaminants in drums, barrels, tanks, or other bulk storage containers, that may pose a threat of release.

Sample collected from the vat contained hazardous contaminants. The liquid sample collected from the vat contained low levels of vinyl chloride and TCE. This vat is in a deteriorating condition and poses a threat of release to the environment.

High levels of hazardous substances or pollutants or contaminants in soils largely at or near the surface that may migrate.

Surface and subsurface soil results show very high levels of benzene, toluene, ethylbenzene, xylene, chlordane, TCE, barium, cadmium, chromium and lead. Three of the five soil sample results showed PCB contamination of more than 100 mg/Kg, with one soil sample containing nearly 8,000 mg/Kg of

PCBs. Surface soils contaminated with lead could potentially be transported through wind to nearby areas.

Analytical results of four soil samples exceeded the TCLP concentrations of one or more constituents listed in 40 CFR Part 261.24 Table 1, indicating hazardous waste characteristics. Results for samples S-1, S-2, S-3 and S-5 exceeded TCLP regulatory limits for benzene. Analytical results for S-5 exceeded TCLP regulatory limits for tetrachloroethene, cadmium and lead. Analytical results for S-1 and S-5 exceeded TCLP regulatory limits for TCE. These results indicate high potential for migration of hazardous substances present at surface or subsurface soil at the Site.

Weather conditions that may cause hazardous substances or pollutants or contaminants to migrate or be released.

Rain or severe weather conditions may facilitate release, run-off and result in transport of hazardous chemicals off-site, including the nearby MWRDGC property. The contaminated surface water from the swale has the potential to leach and migrate off-site. MWRDGC encountered contaminated material, saturated soil and leachate during the excavation of a drying bed next the swale. Soil borings collected from the northwest side of Drying Bed No.1 of MWRDGC near the Site boundary and the swale were found to be heavily impacted with several VOCs, SVOCs, PAHs, PCBs and pesticides.

The availability of other appropriate federal or state response mechanisms to respond to the release.

IEPA requested U.S. EPA Region 5 Emergency Response Branch assistance on June 28, 2005, to help evaluate and mitigate possible threats posed by the US Scrap site. This request was made to U.S. EPA since IEPA does not have appropriate state response mechanisms to respond.

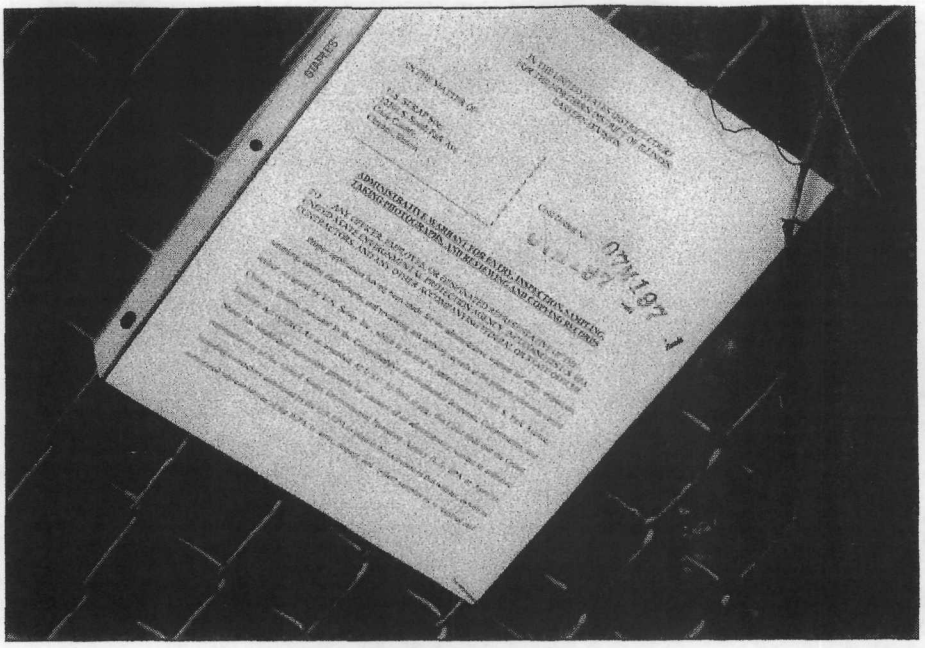
6. SUMMARY

On June 25, 2007, U.S. EPA OSC Craig Thomas START conducted site assessment activities at the US Scrap Site in Chicago, Illinois. Site Assessment activities included a site reconnaissance and collection of six surface and subsurface soil samples (including one duplicate) and four surface water samples. Samples were analyzed for VOCs, TCLP VOCs, SVOCs, TCLP SVOCs, metals, TCLP metals, PAHs, PCBs, pesticides and pH. Sample analytical results were compared to 40 CFR, Parts 261.21, 261.22, 261.23, and maximum allowable concentrations pursuant to 40 CFR Part 261.24, Table 1. Analytical results of four soil samples exceeded the TCLP concentrations of one or more constituents listed in 40 CFR Part 261.24 Table 1, indicating hazardous waste characteristics. Hazardous substances identified in the surface and subsurface soil and surface water samples include benzene, toluene, ethylbenzene, xylene, TCE, tetrachloroethylene, chlordane, alpha-chlordane, gamma-chlordane, cadmium, lead, fluoranthene, naphthalene and PCBs. These substances are present in soil at or near the surface and in liquid stored in a vat and pose a threat of release. The contamination found on the US Scrap Site has the potential to migrate off-site and pose threats to human health and the environment. Thus, a removal action is warranted at this Site to abate threats to human health and the environment.

APPENDIX A

PHOTOGRAPHIC LOG

(4 Page)

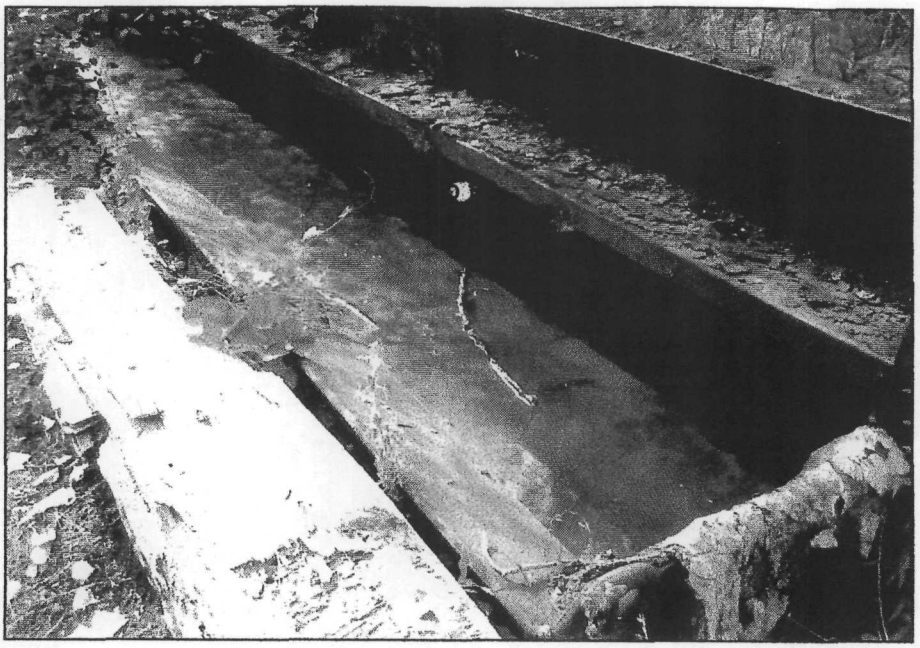


Photograph No.: 1 **Photographer:** Lea Cole **Orientation:** Southwest
TDD Number: S05-0706-001 **Contract:** EP-S5-06-03, STN JV **Date:** June 25, 2007
Site Name & Location: US Scrap Site, Chicago, Cook County, Illinois.
Subject: An administrative warrant was issued to US EPA for granting access to the site to conduct site assessment and sampling activities. The warrant was posted on the front entrance gate at the US Scrap site.

Photograph No.: 2 **Photographer:** Lea Cole **Orientation:** Southwest
TDD Number: S05-0706-001 **Contract:** EP-S5-06-03, STN JV **Date:** June 25, 2007
Site Name & Location: US Scrap Site, Chicago, Cook County, Illinois.
Subject: A former incinerator found in the site.

Photograph No.: 3 **Photographer:** Lea Cole **Orientation:** East
TDD Number: S05-0706-001 **Contract:** EP-S5-06-03, STN JV **Date:** June 25, 2007
Site Name & Location: US Scrap Site, Chicago, Cook County, Illinois.
Subject: View of sludge pit 1, from where soil sample S-1 was collected.

Photograph No.: 4 **Photographer:** Lea Cole **Orientation:** South
TDD Number: S05-0706-001 **Contract:** EP-S5-06-03, STN JV **Date:** June 25, 2007
Site Name & Location: US Scrap Site, Chicago, Cook County, Illinois.
Subject: Soil sample S-3 and water sample W-1 were collected from the east end of the swale shown in picture. Another water sample W-2 was collected from the middle of the swale using a water bottle and a rope. Soil samples S-4 and field duplicate S-6 were collected from the west side of the swale.



Photograph No.: 5 **Photographer:** Lea Cole **Orientation:** Northwest
TDD Number: S05-0706-001 **Contract:** EP-S5-06-03, STN JV **Date:** June 25, 2007
Site Name & Location: US Scrap Site, Chicago, Cook County, Illinois.
Subject: Water sample W-3 was collected from the above ground storage tank seen in this picture.

Photograph No.: 6 **Photographer:** Lea Cole **Orientation:** West
TDD Number: S05-0706-001 **Contract:** EP-S5-06-03, STN JV **Date:** June 25, 2007
Site Name & Location: US Scrap Site, Chicago, Cook County, Illinois.
Subject: Area from where soil sample S-5 was collected near the above ground storage tank.

APPENDIX B

VALIDATED LABORATORY ANALYTICAL RESULTS

(83 Pages)

STN Environmental, JV
125 South Wacker Drive, Suite 1180 ● Chicago, IL 60606 ● (312) 443-0550 ● (312) 443-0557

MEMORANDUM

Date: July 30, 2007

To: Ron Bugg, Project Manager, STN Environmental JV (STN)
Superfund Technical Assessment and Response Team (START) for region 5

Prepared by: Richard Baldino, Senior Chemist, STN START for Region 5

Subject: Data Validation for
US Scrap Site
Chicago, Illinois
Analytical Technical Direction Document (TDD) No. S05-0309-011
Project TDD No. S05-0706-01

Laboratory: STAT Analysis
Work Order No. 07060789
Analyses of 6 Soil and 4 Liquid Samples for Total and TCLP Volatile Organic Compounds (VOCs), Total and TCLP Semivolatile Organic Compounds (SVOCs), Polynulcear Aromatic Hydrocarbons (PAHs), Pesticides, Polychlorinated Biphenyls (PCBs), Total and TCLP RCRA Metals, and pH

1.0 INTRODUCTION

The STN START for region 5 validated total RCRA metals, TCLP RCRA metals, VOCs, TCLP VOCs, SVOCs, TCLP SVOC, PAH, Pesticides, PCBs, and pH analytical data for 6 soil samples and RCRA metals, VOCs, SVOCs, PAH, Pesticides, PCBs, and pH analytical data for 4 surface water samples. Samples were collected at the US Scrap Site located in Chicago, IL on June 25th, 2007. The samples were analyzed under Work Order number 07060789 by STAT Analysis of Chicago, IL using U.S. Environmental Protection Agency (U.S. EPA) SW-846 methods 1311, 8260B, 8270C, 8270C-SIM, 8081A, 8082, 6010B/7471A, and 9045C (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846).

Laboratory data were validated using guidelines set forth in the U.S. EPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (EPA540/R-99/008, October 1999), U.S. EPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review (540/R-94/013, February 1994), and applicable methodologies. The purpose of the chemical data quality evaluation process is to assess the usability of data for the project decision-making process.

Organic data validation consisted of a review of the following QC audits:

- Chain of custody and sample receipt forms review
- Sample preservation and holding time
- GC/MS Instrument performance check, Initial Calibration, and Continuing Calibration
- Blank results
- Surrogate recoveries
- Matrix spike and Matrix Spike Duplicate (MS/MSD) recovery results
- Laboratory Control Sample (LCS) recovery results
- Internal Standard area counts and retention times
- Target compound identification and quantitation

Inorganic data validation consisted of a review of the following QC audits:

- Chain of custody and sample receipt forms review
- Sample preservation and holding time
- Initial Calibration, and Continuing Calibration
- Blank results
- Laboratory Control Sample (LCS) recovery results
- Duplicate sample results
- Matrix spike and Matrix Spike Duplicate (MS/MSD) recovery results

Section 2.0 of this memorandum discusses the results of organic data validation. Section 3.0 of this memorandum discusses the results of inorganic data validation. Section 4.0 presents an overall assessment of the data. The attachment to this memorandum contains the laboratory reporting forms as well as START's handwritten data qualifications where warranted.

2.0 ORGANIC DATA VALIDATION RESULTS

The Results of START's organic data validation are summarized below by QC audit reviewed. The data qualifiers listed below were applied to sample analytical results where warranted (see attachment):

- J – The analyte was detected. The reported concentration was considered estimated.
- U – The analyte was not detected.
- UJ – The analyte was not detected. The reporting limit was considered estimated.

After the START project staff received the data packages, they were inventoried for completeness and then reviewed according to matrix-specific protocols and data quality objectives established for the project.

2.1 SOIL SAMPLES BY METHOD 8260B FOR TOTAL AND TCLP VOCs

2.1.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.1.2 SAMPLE PRESERVATION AND HOLDING TIME

Soil samples were shipped on ice and properly preserved. Soil VOC samples were analyzed five days after collection. Soil TCLP VOC samples were analyzed five days after collection. No discrepancies were noted.

2.1.3 GC/MS TUNING, INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Gas chromatograph/mass spectrometer (GC/MS) instrument performance checks are performed to ensure mass resolution, identification, and to some degree, sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.1.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank samples VBLK070107-1 and ZBLK062807-2 and a trip blank sample were run with this SDG.

Methylene chloride was detected in laboratory method blank sample VBLK070107-1 at 0.003 mg/Kg. Positive soil sample detects for methylene chloride are well above the blank action level of 0.03 mg/Kg after correction for percent solids. No action was taken to qualify analytical data.

No TCLP VOC detects were noted laboratory method blank sample ZBLK062807-2.

No detects were noted in the trip blank sample.

2.1.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds (System Monitoring Compounds). Surrogate spike compounds included 4-bromofluorobenzene, toluene-d8, dibromofluoromethane, and 1,2-dichloroethane-d4. Surrogate recoveries ranged from 92.1% to 114%. No discrepancies were noted.

2.1.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were not performed for total VOC analyses. No action was taken to qualify analytical data due to missing MS/MSD audit results.

TCLP VOC MS/MSD recoveries ranged from 73.1% to 121%. No discrepancies were noted.

2.1.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R).

The %RPD for acetone recoveries between the LCS and LCSD samples was high at 21.1%. The upper control limit was 20%. No detects were noted for acetone. Analytical results for acetone in soil samples for this SDG are considered estimated and flagged "UJ" for non-detects due to unknown bias.

The %RPD for bromomethane recoveries between the LCS and LCSD samples was high at 24.6%. The upper control limit was 20%. The LCSD recovery for bromomethane was low at 62.2%. The lower control limit was 70%. No detects were noted for bromomethane. Analytical results for bromomethane in soil samples for this SDG are considered estimated and flagged "UJ" for non-detects due to unknown bias.

2.1.8 INTERNAL STANDARD AREA COUNTS AND RETENTION TIMES

Internal Standards (IS) performance criteria ensure that GC/MS sensitivity and response are stable during each analysis. Internal standard area counts must not vary by more than thirty percent (-30 percent to +30 percent) from the associated 12 hour calibration standard. The IS compounds used were pentafluorobenzene, 1,4-difluorobenzene, chlorobenzene-d5, and 1,4-dichlorobenzene-d4.

Internal standard area counts and retention times were not included with this SDG. No action was taken to qualify analytical data due to missing internal standard information.

2.1.9 FIELD DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable precision by the field sampling team and the laboratory. Non-homogenous samples can impact the apparent analytical precision. Field duplicate precision is measured by Relative Percent Difference (RPD). A field duplicate sample was collected at sample location S-4 and given the sample ID S-6. No discrepancies were noted.

2.1.10 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

The objective of the criteria for GC/MS qualitative analysis is to minimize the number of erroneous identifications of compounds. An erroneous identification can either be a false positive (reporting a compound present when it is not) or a false negative (not reporting a compound that is present). The objective of the criteria for GC/MS quantitative analysis is to ensure that the reported quantitation results and Contract Required Quantitation Limits (CRQLs) are accurate. No discrepancies were noted.

2.2 WATER SAMPLES BY METHOD 8260B FOR TOTAL AND TCLP VOCs

2.2.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

Water sample W-1 contained a two phase mixture of oil and water. Results for sample W-1 are reported as mg/Kg wet weight.

2.2.2 SAMPLE PRESERVATION AND HOLDING TIME

Water samples were shipped on ice and properly preserved. Water VOC samples were analyzed up to seven days after collection. Water TCLP VOC samples were analyzed up to seven days after collection. No discrepancies were noted.

2.2.3 GC/MS TUNING, INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Gas chromatograph/mass spectrometer (GC/MS) instrument performance checks are performed to ensure mass resolution, identification, and to some degree, sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.2.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank samples VBLK063007-1, VBLK070107-1, VBLK070107-2, and ZBLK062807-2 and a trip blank sample were run with this SDG.

Methylene chloride was detected in laboratory method blank sample VBLK063007-1 at 0.002 mg/Kg. No water sample detects for methylene chloride were noted. No action was taken to qualify analytical data.

Toluene was detected in laboratory method blank sample VBLK063007-1 at 0.0006 mg/Kg. Water sample detects for toluene were well above the blank action level of 0.003 mg/Kg. No action was taken to qualify analytical data.

No TCLP VOC detects were noted laboratory method blank sample ZBLK062807-2.

No detects were noted in method blank samples VBLK070107-1 and VBLK070107-2 or in the trip blank sample.

2.2.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds (System Monitoring Compounds). Surrogate spike compounds included 4-bromofluorobenzene, toluene-d8, dibromofluoromethane, and 1,2-dichloroethane-d4. Surrogate recoveries ranged from 91.8% to 112%. No discrepancies were noted.

2.2.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were not performed for total VOC analyses. No action was taken to qualify analytical data due to missing MS/MSD audit results.

TCLP VOC MS/MSD recoveries ranged from 73.1% to 121%. No discrepancies were noted.

2.2.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 73.4% to 115%. No discrepancies were noted

2.2.8 INTERNAL STANDARD AREA COUNTS AND RETENTION TIMES

Internal Standards (IS) performance criteria ensure that GC/MS sensitivity and response are stable during each analysis. Internal standard area counts must not vary by more than thirty percent (-30 percent to +30 percent) from the associated 12 hour calibration standard. The IS compounds used were pentafluorobenzene, 1,4-difluorobenzene, chlorobenzene-d5, and 1,4-dichlorobenzene-d4.

Internal standard area counts and retention times were not included with this SDG. No action was taken to qualify analytical data due to missing internal standard information.

2.2.9 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

The objective of the criteria for GC/MS qualitative analysis is to minimize the number of erroneous identifications of compounds. An erroneous identification can either be a false positive (reporting a compound present when it is not) or a false negative (not reporting a compound that is present). The objective of the criteria for GC/MS quantitative analysis is to ensure that the reported quantitation results and Contract Required Quantitation Limits (CRQLs) are accurate. No discrepancies were noted.

2.3 SOIL SAMPLES BY METHOD 8270C FOR TOTAL AND TCLP SVOCs

2.3.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.3.2 SAMPLE PRESERVATION AND HOLDING TIME

Soil samples were shipped on ice and properly preserved. Soil SVOC samples were analyzed five days after collection. Soil TCLP SVOC samples were analyzed up to five days after collection. No discrepancies were noted.

2.3.3 GC/MS TUNING, INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Gas chromatograph/mass spectrometer (GC/MS) instrument performance checks are performed to ensure mass resolution, identification, and to some degree, sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.3.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank sample MB-28032-SVOC was run with this SDG. No laboratory method blank detects were noted.

2.3.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included 2-chlorophenol-d4, 1,2-dichlorobenzene-d4, nitrobenzene-d5, 2,4,6-tribromophenol, 2-fluorophenol, phenol-d5, 2-fluorobiphenyl, and 4-terphenyl-d14.

The surrogate recovery of nitrobenzene-d5 in sample S-2 was high at 203%. The upper control limit was 120%. The sample was re-extracted and re-analyzed with similar results. No LCS recovery deficiencies were noted. No action was taken to qualify analytical data.

The surrogate recovery of nitrobenzene-d5 in sample S-3 was high at 320%. The upper control limit was 120%. The sample was re-extracted and re-analyzed with similar results. No LCS recovery deficiencies were noted. No action was taken to qualify analytical data.

The TCLP surrogate recovery of 2-chlorophenol-d4 in sample S-3 was low at 26.5%. The lower control limit was 33%. LCS and MS/MSD recoveries were acceptable. No action was taken to qualify analytical data.

2.3.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

The MS recovery for 2-chlorophenol in sample S-4 was low at 53.4%. The lower control limit was 61%. The MSD and LCS recoveries were acceptable. No action was taken to qualify analytical data.

The MS recovery for 1,4-dichlorobenzene in sample S-4 was low at 54.3%. The lower control limit was 55%. The MSD and LCS recoveries were acceptable. No action was taken to qualify analytical data.

The MS recovery for phenol in sample S-4 was low at 56.2%. The lower control limit was 60%. The MSD and LCS recoveries were acceptable. No action was taken to qualify analytical data.

TCLP SVOC MS/MSD recoveries ranged from 24.3% to 75%. No discrepancies were noted.

2.3.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 57.3% to 69.8%. TCLP LCS recoveries ranged from 26.8% to 77.7%. No discrepancies were noted.

2.3.8 INTERNAL STANDARD AREA COUNTS AND RETENTION TIMES

Internal Standards (IS) performance criteria ensure that GC/MS sensitivity and response are stable during each analysis. Internal standard area counts must not vary by more than thirty percent (-30 percent to +30 percent) from the associated 12 hour calibration standard. The IS compounds used were pentafluorobenzene, 1,4-difluorobenzene, chlorobenzene-d5, and 1,4-dichlorobenzene-d4.

Internal standard area counts and retention times were not included with this SDG. No action was taken to qualify analytical data due to missing internal standard information.

2.3.9 FIELD DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable precision by the field sampling team and the laboratory. Non-homogenous samples can impact the apparent analytical precision. Field duplicate precision is measured by Relative Percent Difference (RPD). A field duplicate sample was collected at sample location S-4 and given the sample ID S-6. No discrepancies were noted.

2.3.10 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

The objective of the criteria for GC/MS qualitative analysis is to minimize the number of erroneous identifications of compounds. An erroneous identification can either be a false positive (reporting a compound present when it is not) or a false negative (not reporting a compound that is present). The objective of the criteria for GC/MS quantitative analysis is to ensure that the reported quantitation results and Contract Required Quantitation Limits (CRQLs) are accurate. No discrepancies were noted.

2.4 WATER SAMPLES BY METHOD 8270C FOR SVOCs

2.4.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.4.2 SAMPLE PRESERVATION AND HOLDING TIME

Soil samples were shipped on ice and properly preserved. Water SVOC samples were analyzed up to five days after collection. No discrepancies were noted.

2.4.3 GC/MS TUNING, INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Gas chromatograph/mass spectrometer (GC/MS) instrument performance checks are performed to ensure mass resolution, identification, and to some degree, sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.4.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank sample MB-28095-SVOC was run with this SDG.

Di-n-butyl phthalate was detected in laboratory method blank sample MB-28095-SVOC at 0.0015 mg/L. Sample detects for di-n-butyl phthalate were well above the blank action level of 0.0075 mg/L. No action was taken to qualify analytical data.

2.4.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included 2-chlorophenol-d4, 1,2-dichlorobenzene-d4, nitrobenzene-d5, 2,4,6-tribromophenol, 2-fluorophenol, phenol-d5, 2-fluorobiphenyl, and 4-terphenyl-d14.

The surrogate recovery of nitrobenzene-d5 in sample W-1 was high at 278%. The upper control limit was 120%. The sample was re-extracted and re-analyzed with similar results. No LCS recovery deficiencies were noted. No action was taken to qualify analytical data.

2.4.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) analyses were not performed for water SVOC analyses. No action was taken to qualify analytical data due to missing MS/MSD audit results.

2.4.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 26.9% to 75.4%. No discrepancies were noted.

2.4.8 INTERNAL STANDARD AREA COUNTS AND RETENTION TIMES

Internal Standards (IS) performance criteria ensure that GC/MS sensitivity and response are stable during each analysis. Internal standard area counts must not vary by more than thirty percent (-30 percent to +30 percent) from the associated 12 hour calibration standard. The IS compounds used were pentafluorobenzene, 1,4-difluorobenzene, chlorobenzene-d5, and 1,4-dichlorobenzene-d4.

Internal standard area counts and retention times were not included with this SDG. No action was taken to qualify analytical data due to missing internal standard information.

2.4.9 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

The objective of the criteria for GC/MS qualitative analysis is to minimize the number of erroneous identifications of compounds. An erroneous identification can either be a false positive (reporting a compound present when it is not) or a false negative (not reporting a compound that is present). The objective of the criteria for GC/MS quantitative analysis is to ensure that the reported quantitation results and Contract Required Quantitation Limits (CRQLs) are accurate. No discrepancies were noted.

2.5 SOIL SAMPLES BY METHOD 8270C-SIM FOR PAHs

2.5.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.5.2 SAMPLE PRESERVATION AND HOLDING TIME

Soil samples were shipped on ice and properly preserved. Soil PAH samples were analyzed up to eight days after collection. No discrepancies were noted.

2.5.3 GC/MS TUNING, INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Gas chromatograph/mass spectrometer (GC/MS) instrument performance checks are performed to ensure mass resolution, identification, and to some degree, sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.5.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank sample MB-28031-PNA was run with this SDG. No laboratory method blank detects were noted.

2.5.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included 1,2-dichlorobenzene-d4, nitrobenzene-d5, 2-fluorobiphenyl, and 4-terphenyl-d14.

The surrogate recoveries of nitrobenzene-d5 and 4-terphenyl-d14 in sample S-1 were high at 280% and 140%. The upper control limits were 120% and 137%. The sample was and re-analyzed at a 1:10 dilution with no surrogate recovery deficiencies. No LCS recovery deficiencies were noted. No action was taken to qualify analytical data.

The surrogate recovery of nitrobenzene-d5 in sample S-3 was high at 240%. The upper control limit was 120%. No LCS recovery deficiencies were noted and the other three surrogate recoveries were acceptable. No action was taken to qualify analytical data.

2.5.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Soil MS/MSD samples were not run with this SDG. No action was taken to qualify analytical data due to missing matrix spike QC audits.

2.5.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R).

The LCS recovery for pentachlorophenol in sample LCS-28031-PNA was high at 137%. The upper control limit was 130%. The positive detect for pentachlorophenol in soil sample S-1 is considered estimated and flagged "J" due to possible positive bias.

2.5.8 INTERNAL STANDARD AREA COUNTS AND RETENTION TIMES

Internal Standards (IS) performance criteria ensure that GC/MS sensitivity and response are stable during each analysis. Internal standard area counts must not vary by more than thirty percent (-30 percent to +30 percent) from the associated 12 hour calibration standard. The IS compounds used were pentafluorobenzene, 1,4-difluorobenzene, chlorobenzene-d5, and 1,4-dichlorobenzene-d4.

Internal standard area counts and retention times were not included with this SDG. No action was taken to qualify analytical data due to missing internal standard information.

2.5.9 FIELD DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable precision by the field sampling team and the laboratory. Non-homogenous samples can impact the apparent analytical precision. Field duplicate precision is measured by Relative Percent Difference (RPD). A field duplicate sample was collected at sample location S-4 and given the sample ID S-6. No discrepancies were noted.

2.5.10 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

The objective of the criteria for GC/MS qualitative analysis is to minimize the number of erroneous identifications of compounds. An erroneous identification can either be a false positive (reporting a compound present when it is not) or a false negative (not reporting a compound that is present). The objective of the criteria for GC/MS quantitative analysis is to ensure that the reported quantitation results and Contract Required Quantitation Limits (CRQLs) are accurate. No discrepancies were noted.

2.6 WATER SAMPLES BY METHOD 8270C-SIM FOR PAHs

2.6.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.6.2 SAMPLE PRESERVATION AND HOLDING TIME

Water samples were shipped on ice and properly preserved. Water PAH samples were analyzed eight days after collection. No discrepancies were noted.

2.6.3 GC/MS TUNING, INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Gas chromatograph/mass spectrometer (GC/MS) instrument performance checks are performed to ensure mass resolution, identification, and to some degree, sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Continuing calibration establishes the 12-hour relative response factors on which the quantitations are based and checks satisfactory performance of the instrument on a day-to-day basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.6.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank samples MB-28064-PNA and MB-28061-PNA were run with this SDG.

Naphthalene was detected in laboratory method blank sample MB-28061-PNA at 0.00018 mg/L. Water sample detects for naphthalene were above the blank action level of 0.0009 mg/L. No action was taken to qualify analytical data.

2.6.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included 1,2-dichlorobenzene-d4, nitrobenzene-d5, 2-fluorobiphenyl, and 4-terphenyl-d14. Surrogate recoveries ranged from 30.5% to 101%. No discrepancies were noted.

2.6.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound

recovery by the laboratory at the time of sample analysis. Water MS/MSD samples were run on samples from another SDG. No action was taken to qualify analytical data due to missing matrix spike QC audits.

2.6.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 62.2% to 124%. No discrepancies were noted.

2.6.8 INTERNAL STANDARD AREA COUNTS AND RETENTION TIMES

Internal Standards (IS) performance criteria ensure that GC/MS sensitivity and response are stable during each analysis. Internal standard area counts must not vary by more than thirty percent (-30 percent to +30 percent) from the associated 12 hour calibration standard. The IS compounds used were pentafluorobenzene, 1,4-difluorobenzene, chlorobenzene-d5, and 1,4-dichlorobenzene-d4.

Internal standard area counts and retention times were not included with this SDG. No action was taken to qualify analytical data due to missing internal standard information.

2.6.9 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

The objective of the criteria for GC/MS qualitative analysis is to minimize the number of erroneous identifications of compounds. An erroneous identification can either be a false positive (reporting a compound present when it is not) or a false negative (not reporting a compound that is present). The objective of the criteria for GC/MS quantitative analysis is to ensure that the reported quantitation results and Contract Required Quantitation Limits (CRQLs) are accurate. No discrepancies were noted.

2.7 SOIL SAMPLES BY METHOD 8081 FOR PESTICIDES

2.7.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.7.2 SAMPLE PRESERVATION AND HOLDING TIME

Soil samples were shipped on ice and properly preserved. Soil pesticide samples were analyzed up to eleven days after collection. No discrepancies were noted.

2.7.3 GC PERFORMANCE, INITIAL AND CONTINUING CALIBRATION

Performance checks on the gas chromatograph with electron capture detector (GC/ECD) system are performed to ensure adequate resolution and instrument sensitivity. Initial calibration demonstrates that the

instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Calibration verification checks and documents satisfactory performance of the instrument over specific time periods during sample analysis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.7.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank sample MB-28033-PP was run with this SDG. No method blank detects were noted.

2.7.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included tetrachloro-m-xylene and decachlorobiphenyl.

Soil samples were diluted from 10:1 to 100:1 due to matrix interferences. Surrogate recoveries ranged from 0% to 32000% due to dilutions. No action was taken to qualify analytical data based on diluted surrogate recoveries.

2.7.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Soil MS/MSD samples were run on samples from another SDG. No action was taken to qualify analytical data due to missing matrix spike QC audits.

2.7.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 96.4% to 104%. No discrepancies were noted.

2.7.8 FIELD DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable precision by the field sampling team and the laboratory. Non-homogenous samples can impact the apparent analytical precision. Field duplicate precision is measured by Relative Percent Difference (RPD). A field duplicate sample was collected at sample location S-4 and given the sample ID S-6. No discrepancies were noted.

2.7.9 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

Qualitative criteria for compound identification have been established to minimize the number of false positives (reporting a compound present when it is not) and false negatives (not reporting a compound that is present). No discrepancies were noted.

2.8 WATER SAMPLES BY METHOD 8081 FOR PESTICIDES

2.8.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.8.2 SAMPLE PRESERVATION AND HOLDING TIME

Water samples were shipped on ice and properly preserved. Water pesticide samples were analyzed up to ten days after collection. No discrepancies were noted.

2.8.3 GC PERFORMANCE, INITIAL AND CONTINUING CALIBRATION

Performance checks on the gas chromatograph with electron capture detector (GC/ECD) system are performed to ensure adequate resolution and instrument sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Calibration verification checks and documents satisfactory performance of the instrument over specific time periods during sample analysis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.8.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank samples MB-28063-PEST and MB-28060-PP were run with this SDG. No method blank detects were noted.

2.8.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included tetrachloro-m-xylene and decachlorobiphenyl.

The surrogate recovery of tetrachloro-m-xylene in sample W-1 was low at 0%. The lower control limit was 30%. Sample W-1 was diluted 100:1 due to matrix interference. No action was taken to qualify analytical results due to diluted surrogate recoveries.

The surrogate recovery of decachlorobiphenyl in sample W-2 was low at 28.0%. The lower control limit was 30%. The surrogate recovery of tetrachloro-m-xylene was marginally acceptable at 48%. No detects were noted in sample W-2. Analytical results for pesticides in sample W-2 are considered estimated and flagged "UJ" for non-detects due to possible negative bias.

The surrogate recovery of decachlorobiphenyl in sample W-4 was low at 22.0%. The lower control limit was 30%. The surrogate recovery of tetrachloro-m-xylene was marginally acceptable at 33%. No detects were noted in sample W-4. Analytical results for pesticides in sample W-4 are considered estimated and flagged "UJ" for non-detects due to possible negative bias.

2.8.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Water MS/MSD samples were run on samples from another SDG. No action was taken to qualify analytical data due to missing matrix spike QC audits.

2.8.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 48% to 144%. No discrepancies were noted.

2.8.8 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

Qualitative criteria for compound identification have been established to minimize the number of false positives (reporting a compound present when it is not) and false negatives (not reporting a compound that is present). No discrepancies were noted.

2.9 SOIL SAMPLES BY METHOD 8082 FOR PCBs

2.9.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.9.2 SAMPLE PRESERVATION AND HOLDING TIME

Soil samples were shipped on ice and properly preserved. Soil PCB samples were analyzed up to seven days after collection. No discrepancies were noted.

2.9.3 GC PERFORMANCE, INITIAL AND CONTINUING CALIBRATION

Performance checks on the gas chromatograph with electron capture detector (GC/ECD) system are performed to ensure adequate resolution and instrument sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Calibration verification checks and documents satisfactory performance of the instrument over specific time periods during sample analysis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.9.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank sample MB-28055-PCB was run with this SDG. No method blank detects were noted.

2.9.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included tetrachloro-m-xylene and decachlorobiphenyl.

The surrogate recoveries of tetrachloro-m-xylene and decachlorobiphenyl in sample S-1 were high at 3730% and 2480%. The upper control limit was 150%. The sample was re-extracted and re-analyzed with similar results. Analytical results for PCBs in sample S-1 are considered estimated and flagged "J" for detects and "UJ" for non-detects due to matrix interference.

The surrogate recoveries of tetrachloro-m-xylene and decachlorobiphenyl in sample S-2 were high at 384% and 172%. The upper control limit was 150%. Sample S-2 was diluted 10:1 due to matrix interferences. No action was taken to qualify analytical results doe to diluted surrogate recoveries.

The surrogate recoveries of tetrachloro-m-xylene and decachlorobiphenyl in sample S-5 were high at 14000% and 2300%. The upper control limit was 150%. The sample was re-extracted and re-analyzed with similar results. Analytical results for PCBs in sample S-5 are considered estimated and flagged "J" for detects and "UJ" for non-detects due to matrix interference.

The surrogate recovery of tetrachloro-m-xylene in sample S-6 was low at 16.2%. The lower control limit was 30%. Sample S-6 was diluted 10:1 due to matrix interferences. No action was taken to qualify analytical results doe to diluted surrogate recoveries.

2.9.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Soil MS/MSD samples were run on samples from another SDG. No action was taken to qualify analytical data due to missing matrix spike QC audits.

2.9.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 73.6% to 97.7%. No discrepancies were noted.

2.9.8 FIELD DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable precision by the field sampling team and the laboratory. Non-homogenous samples can impact the apparent analytical precision. Field duplicate precision is measured by Relative Percent Difference (RPD). A field duplicate sample was collected at sample location S-4 and given the sample ID S-6. No discrepancies were noted.

2.9.9 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

Qualitative criteria for compound identification have been established to minimize the number of false positives (reporting a compound present when it is not) and false negatives (not reporting a compound that is present). No discrepancies were noted.

2.10 WATER SAMPLES BY METHOD 8082 FOR PCBs

2.10.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

2.10.2 SAMPLE PRESERVATION AND HOLDING TIME

Water samples were shipped on ice and properly preserved. Water PCB samples were analyzed up to eight days after collection. No discrepancies were noted.

2.10.3 GC PERFORMANCE, INITIAL AND CONTINUING CALIBRATION

Performance checks on the gas chromatograph with electron capture detector (GC/ECD) system are performed to ensure adequate resolution and instrument sensitivity. Initial calibration demonstrates that the instrument is capable of acceptable performance in the beginning of the analytical run and of producing a linear calibration curve. Calibration verification checks and documents satisfactory performance of the instrument over specific time periods during sample analysis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

2.10.4 BLANK RESULTS

The purpose of laboratory (or field) blank analysis is to determine the existence and magnitude of contamination resulting from laboratory (or field) activities. Laboratory method blank sample MB-28055-PCB was run with this SDG. No method blank detects were noted.

2.10.5 SURROGATE RECOVERIES

Laboratory performance on individual samples is established by means of fortifying each sample with surrogate compounds. Surrogate spike compounds included tetrachloro-m-xylene and decachlorobiphenyl.

The surrogate recovery of decachlorobiphenyl in sample W-4 was low at 21.0%. The lower control limit was 30%. The surrogate recovery of tetrachloro-m-xylene was marginally acceptable at 35%. No detects were noted in sample W-4. Analytical results for PCBs in sample W-4 are considered estimated and flagged "UJ" for non-detects due to possible negative bias.

2.10.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Soil MS/MSD samples were run on samples from another SDG. No action was taken to qualify analytical data due to missing matrix spike QC audits.

2.10.7 LCS RECOVERY RESULTS

Data for laboratory control samples (LCS) are generated to provide information on the accuracy of the analytical method and on the laboratory performance. Laboratory Control Samples (LCS) were fortified with the full list of VOCs and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 73.6% to 97.7%. No discrepancies were noted.

2.10.8 TARGET COMPOUND IDENTIFICATION AND QUANTITATION

Qualitative criteria for compound identification have been established to minimize the number of false positives (reporting a compound present when it is not) and false negatives (not reporting a compound that is present). No discrepancies were noted.

3.0 INORGANIC DATA VALIDATION RESULTS

The Results of START's inorganic data validation are summarized below by QC audit reviewed. The data qualifiers listed below were applied to sample analytical results where warranted (see attachment):

- J – The analyte was detected. The reported concentration was considered estimated.
- U – The analyte was not detected.
- UJ – The analyte was not detected. The reporting limit was considered estimated.

After the START project staff received the data packages, they were inventoried for completeness and then reviewed according to matrix-specific protocols and data quality objectives established for the project.

3.1 SOIL SAMPLES BY METHOD 6010B/7471A FOR TOTAL AND TCLP METALS

3.1.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Soil samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

3.1.2 SAMPLE PRESERVATION AND HOLDING TIME

Soil samples were shipped on ice and properly preserved. Soil metals samples were analyzed up to seven days after collection. Soil mercury samples were analyzed up to four days after collection. No discrepancies were noted.

3.1.3 INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative results. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing calibration verification establishes that the initial calibration is still valid by checking the performance of the instrument on a continual basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

3.1.4 BLANK RESULTS

The assessment of blank analysis results is to determine the existence and magnitude of contamination resulting from laboratory and/or field activities. Laboratory method blank samples IMBS2 6/28/07, IMBTCLP1 6/27/07, HgMBS2 6/27/07, and HgMBS1 6/27/07 were run with this SDG. No method blank detects were noted.

3.1.5 LCS RECOVERY RESULTS

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Laboratory Control Samples (LCS) were fortified with each analyte of interest and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 87.2% to 120%. No discrepancies were noted.

3.1.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Soil MS/MSD samples were run on samples from another SDG. No action was taken to qualify analytical data due to missing matrix spike QC audits.

3.1.7 FIELD DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable precision by the field sampling team and the laboratory. Non-homogenous samples can impact the apparent analytical precision. Field duplicate precision is measured by Relative Percent Difference (RPD). A field duplicate sample was collected at sample location S-4 and given the sample ID S-6. No discrepancies were noted.

3.2 WATER SAMPLES BY METHOD 6010B/7471A FOR TOTAL METALS

3.2.1 SAMPLE HANDLING

Chain of custody documentation and sample receipt forms were reviewed to ensure requested analyses were performed and that samples arrived at the laboratory intact. Water samples were collected on June 25th, 2007 and were received cool and intact by the laboratory on June 26th, 2007. No discrepancies were noted.

3.2.2 SAMPLE PRESERVATION AND HOLDING TIME

Water samples were shipped on ice and properly preserved. Water metals samples were analyzed up to seven days after collection. Water mercury samples were analyzed up to four days after collection. No discrepancies were noted.

3.2.3 INITIAL CALIBRATION, AND CONTINUING CALIBRATION

Method requirements for satisfactory instrument calibration are established to ensure that the instrument is capable of producing acceptable quantitative results. Initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of the analytical run. Continuing calibration verification establishes that the initial calibration is still valid by checking the performance of the instrument on a continual basis.

Calibration data were not included with the data package. No action was taken to qualify analytical data due to missing calibration information.

3.2.4 BLANK RESULTS

The assessment of blank analysis results is to determine the existence and magnitude of contamination resulting from laboratory and/or field activities. Laboratory method blank samples HgMBTCLP1 6/25/07, HgMBTCLP1 6/26/07, HgMBTCLP3 6/26/07, and HgMBW1 6/27/07 were run with this SDG. No method blank detects were noted.

3.2.5 LCS RECOVERY RESULTS

The Laboratory Control Sample (LCS) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Laboratory Control Samples (LCS) were fortified with each analyte of interest and analyzed with each batch of samples. The LCS accuracy performance is measured by Percent Recovery (%R). LCS recoveries ranged from 91.2% to 93.2%. No discrepancies were noted.

3.2.6 MS/MSD RECOVERY RESULTS

Data for matrix spike/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. Water MS/MSD recoveries ranged from 88.4% to 90.4%. No discrepancies were noted.

3.2.7 LABORAOTRY DUPLICATES

The objective of duplicate sample analysis is to demonstrate acceptable precision by the laboratory. Non-homogenous samples can impact the apparent analytical precision. Lab duplicate precision is measured by Relative Percent Difference (RPD). Lab duplicate RPDs were 5.96% or less. No discrepancies were noted.

4.0 OVERALL ASSESSMENT OF DATA

The analytical performance of this data set is very strong. The analytical results meet the data quality objectives defined by the applicable method and validation guidance documentation. The analytical data is usable and acceptable with the qualifications noted above. Rejection of analytical data was not required.

ATTACHMENT

SUMMARY OF ANALYTICAL RESULTS

AND

CHAIN-OF-CUSTODY

(59 Sheets)

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-001

Client Sample ID: S-1
Collection Date: 6/25/2007 1:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	0.074		mg/Kg-dry	1	7/2/2007
Aroclor 1221	ND	0.074		mg/Kg-dry	1	7/2/2007
Aroclor 1232	ND	0.074		mg/Kg-dry	1	7/2/2007
Aroclor 1242	59	0.074		mg/Kg-dry	1	7/2/2007
Aroclor 1248	ND	0.074		mg/Kg-dry	1	7/2/2007
Aroclor 1254	92	0.074		mg/Kg-dry	1	7/2/2007
Aroclor 1260	56	0.074		mg/Kg-dry	1	7/2/2007
Pesticides	**SW8081 (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **DCW**
4,4'-DDD	ND	0.046		mg/Kg-dry	1	7/1/2007
4,4'-DDE	ND	0.046		mg/Kg-dry	1	7/1/2007
4,4'-DDT	ND	0.046		mg/Kg-dry	1	7/1/2007
Aldrin	ND	0.046		mg/Kg-dry	1	7/1/2007
alpha-BHC	ND	0.046		mg/Kg-dry	1	7/1/2007
alpha-Chlordane	22	0.15		mg/Kg-dry	100	7/6/2007
beta-BHC	ND	0.046		mg/Kg-dry	1	7/1/2007
Chlordane	190	7.4		mg/Kg-dry	100	7/6/2007
delta-BHC	ND	0.046		mg/Kg-dry	1	7/1/2007
Dieldrin	ND	0.046		mg/Kg-dry	1	7/1/2007
Endosulfan I	ND	0.046		mg/Kg-dry	1	7/1/2007
Endosulfan II	ND	0.046		mg/Kg-dry	1	7/1/2007
Endosulfan sulfate	ND	0.046		mg/Kg-dry	1	7/1/2007
Endrin	ND	0.046		mg/Kg-dry	1	7/1/2007
Endrin aldehyde	ND	0.046		mg/Kg-dry	1	7/1/2007
Endrin ketone	ND	0.046		mg/Kg-dry	1	7/1/2007
gamma-BHC	ND	0.046		mg/Kg-dry	1	7/1/2007
gamma-Chlordane	21	0.15		mg/Kg-dry	100	7/6/2007
Heptachlor	ND	0.046		mg/Kg-dry	1	7/1/2007
Heptachlor epoxide	ND	0.046		mg/Kg-dry	1	7/1/2007
Methoxychlor	ND	0.046		mg/Kg-dry	1	7/1/2007
Toxaphene	ND	0.031		mg/Kg-dry	1	7/1/2007
TCLP Mercury	**SW1311/7470A**			Prep Date: **6/28/2007**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	6/29/2007
Mercury	**SW7471A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	ND	0.035		mg/Kg-dry	1	6/28/2007
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	5.6	1.3		mg/Kg-dry	10	7/2/2007

Qualifiers:
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Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **6/28/2007**		Analyst: **JG**
Barium	180	1.3		mg/Kg-dry	10	7/2/2007
Cadmium	35	0.64		mg/Kg-dry	10	7/2/2007
Chromium	460	1.3		mg/Kg-dry	10	7/2/2007
Lead	1200	0.64		mg/Kg-dry	10	7/2/2007
Selenium	3.1	1.3		mg/Kg-dry	10	7/2/2007
Silver	ND	1.3		mg/Kg-dry	10	7/2/2007
TCLP Metals by ICP/MS		**SW1311/6020 (SW3005A)**		Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	6/28/2007
Barium	0.11	0.02		mg/L	5	6/28/2007
Cadmium	ND	0.005		mg/L	5	6/28/2007
Chromium	0.014	0.01		mg/L	5	6/28/2007
Lead	0.34	0.005		mg/L	5	6/28/2007
Selenium	ND	0.01		mg/L	5	6/28/2007
Silver	ND	0.01		mg/L	5	6/28/2007
Semivolatile Organic Compounds by GC/MS		**SW8270C-SIM (SW3550B)**		Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	0.095	0.0049		mg/Kg-dry	1	7/3/2007
Acenaphthylene	0.013	0.0049		mg/Kg-dry	1	7/3/2007
Anthracene	0.064	0.0049		mg/Kg-dry	1	7/3/2007
Benz(a)anthracene	0.14	0.0049		mg/Kg-dry	1	7/3/2007
Benzo(a)pyrene	0.031	0.0049		mg/Kg-dry	1	7/3/2007
Benzo(b)fluoranthene	0.051	0.0049		mg/Kg-dry	1	7/3/2007
Benzo(g,h,i)perylene	0.034	0.0049		mg/Kg-dry	1	7/3/2007
Benzo(k)fluoranthene	0.063	0.0049		mg/Kg-dry	1	7/3/2007
Chrysene	0.2	0.0049		mg/Kg-dry	1	7/3/2007
Dibenz(a,h)anthracene	0.0069	0.0049		mg/Kg-dry	1	7/3/2007
Fluoranthene	0.43	0.0049		mg/Kg-dry	1	7/3/2007
Fluorene	0.12	0.0049		mg/Kg-dry	1	7/3/2007
Indeno(1,2,3-cd)pyrene	0.038	0.0049		mg/Kg-dry	1	7/3/2007
Naphthalene	3.2	0.049		mg/Kg-dry	10	7/3/2007
Phenanthrene	0.52	0.049		mg/Kg-dry	10	7/3/2007
Pyrene	0.36	0.0049		mg/Kg-dry	1	7/3/2007
N-Nitrosodi-n-propylamine	ND	0.0049		mg/Kg-dry	1	7/3/2007
Pentachlorophenol	0.18	0.0049		mg/Kg-dry	1	7/3/2007 J L
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3580A)**		Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	40		mg/Kg-dry	1	6/30/2007
Benzidine	ND	40		mg/Kg-dry	1	6/30/2007
Benzoic acid	ND	160		mg/Kg-dry	1	6/30/2007

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Client Sample ID: S-1
Collection Date: 6/25/2007 1:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **JT**
Benzyl alcohol	ND	40		mg/Kg-dry	1	6/30/2007
Bis(2-chloroethoxy)methane	ND	40		mg/Kg-dry	1	6/30/2007
Bis(2-chloroethyl)ether	ND	40		mg/Kg-dry	1	6/30/2007
Bis(2-ethylhexyl)phthalate	470	80		mg/Kg-dry	1	6/30/2007
4-Bromophenyl phenyl ether	ND	40		mg/Kg-dry	1	6/30/2007
Butyl benzyl phthalate	ND	40		mg/Kg-dry	1	6/30/2007
Carbazole	ND	40		mg/Kg-dry	1	6/30/2007
4-Chloroaniline	ND	40		mg/Kg-dry	1	6/30/2007
4-Chloro-3-methylphenol	ND	40		mg/Kg-dry	1	6/30/2007
2-Chloronaphthalene	ND	40		mg/Kg-dry	1	6/30/2007
2-Chlorophenol	ND	40		mg/Kg-dry	1	6/30/2007
4-Chlorophenyl phenyl ether	ND	40		mg/Kg-dry	1	6/30/2007
Dibenzofuran	ND	40		mg/Kg-dry	1	6/30/2007
1,2-Dichlorobenzene	ND	40		mg/Kg-dry	1	6/30/2007
1,3-Dichlorobenzene	ND	40		mg/Kg-dry	1	6/30/2007
1,4-Dichlorobenzene	ND	40		mg/Kg-dry	1	6/30/2007
3,3'-Dichlorobenzidine	ND	80		mg/Kg-dry	1	6/30/2007
2,4-Dichlorophenol	ND	40		mg/Kg-dry	1	6/30/2007
Diethyl phthalate	ND	40		mg/Kg-dry	1	6/30/2007
2,4-Dimethylphenol	ND	40		mg/Kg-dry	1	6/30/2007
Dimethyl phthalate	ND	40		mg/Kg-dry	1	6/30/2007
4,6-Dinitro-2-methylphenol	ND	160		mg/Kg-dry	1	6/30/2007
2,4-Dinitrophenol	ND	160		mg/Kg-dry	1	6/30/2007
2,4-Dinitrotoluene	ND	40		mg/Kg-dry	1	6/30/2007
2,6-Dinitrotoluene	ND	40		mg/Kg-dry	1	6/30/2007
Di-n-butyl phthalate	120	40		mg/Kg-dry	1	6/30/2007
Di-n-octyl phthalate	ND	40		mg/Kg-dry	1	6/30/2007
Hexachlorobenzene	ND	40		mg/Kg-dry	1	6/30/2007
Hexachlorobutadiene	ND	40		mg/Kg-dry	1	6/30/2007
Hexachlorocyclopentadiene	ND	40		mg/Kg-dry	1	6/30/2007
Hexachloroethane	ND	40		mg/Kg-dry	1	6/30/2007
Isophorone	53	40		mg/Kg-dry	1	6/30/2007
2-Methylnaphthalene	170	40		mg/Kg-dry	1	6/30/2007
2-Methylphenol	92	40		mg/Kg-dry	1	6/30/2007
4-Methylphenol	150	40		mg/Kg-dry	1	6/30/2007
2-Nitroaniline	ND	160		mg/Kg-dry	1	6/30/2007
3-Nitroaniline	ND	160		mg/Kg-dry	1	6/30/2007
4-Nitroaniline	ND	160		mg/Kg-dry	1	6/30/2007

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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Client Sample ID: S-1
Collection Date: 6/25/2007 1:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **JT**
2-Nitrophenol	ND	40		mg/Kg-dry	1	6/30/2007
4-Nitrophenol	ND	160		mg/Kg-dry	1	6/30/2007
Nitrobenzene	ND	40		mg/Kg-dry	1	6/30/2007
N-Nitrosodi-n-propylamine	ND	40		mg/Kg-dry	1	6/30/2007
N-Nitrosodimethylamine	ND	40		mg/Kg-dry	1	6/30/2007
N-Nitrosodiphenylamine	ND	40		mg/Kg-dry	1	6/30/2007
2, 2'-oxybis(1-Chloropropane)	ND	40		mg/Kg-dry	1	6/30/2007
Pentachlorophenol	ND	160		mg/Kg-dry	1	6/30/2007
Phenol	190	40		mg/Kg-dry	1	6/30/2007
Pyridine	ND	40		mg/Kg-dry	1	6/30/2007
1,2,4-Trichlorobenzene	ND	40		mg/Kg-dry	1	6/30/2007
2,4,5-Trichlorophenol	ND	80		mg/Kg-dry	1	6/30/2007
2,4,6-Trichlorophenol	ND	40		mg/Kg-dry	1	6/30/2007
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **6/28/2007**		Analyst: **JT**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	6/28/2007
2,4-Dinitrotoluene	ND	0.01		mg/L	1	6/28/2007
Hexachlorobenzene	ND	0.01		mg/L	1	6/28/2007
Hexachlorobutadiene	ND	0.01		mg/L	1	6/28/2007
Hexachloroethane	ND	0.01		mg/L	1	6/28/2007
Nitrobenzene	ND	0.01		mg/L	1	6/28/2007
2-methylphenol	1.3	0.1		mg/L	10	6/30/2007
3- & 4-Methylphenol	2.7	0.1		mg/L	10	6/30/2007
Pentachlorophenol	ND	0.05		mg/L	1	6/28/2007
Pyridine	ND	0.01		mg/L	1	6/28/2007
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	6/28/2007
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	6/28/2007
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Acetone	ND	2200		mg/Kg-dry	10000	6/30/2007 UJ L
Benzene	360	220		mg/Kg-dry	10000	6/30/2007
Bromodichloromethane	ND	220		mg/Kg-dry	10000	6/30/2007
Bromoform	ND	220		mg/Kg-dry	10000	6/30/2007
Bromomethane	ND	440		mg/Kg-dry	10000	6/30/2007 UJ L
2-Butanone	ND	440		mg/Kg-dry	10000	6/30/2007
Carbon disulfide	ND	220		mg/Kg-dry	10000	6/30/2007
Carbon tetrachloride	ND	220		mg/Kg-dry	10000	6/30/2007
Chlorobenzene	ND	220		mg/Kg-dry	10000	6/30/2007
Chloroethane	ND	440		mg/Kg-dry	10000	6/30/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-001

Client Sample ID: S-1
Collection Date: 6/25/2007 1:05:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Chloroform	ND	220		mg/Kg-dry	10000	6/30/2007
Chloromethane	ND	440		mg/Kg-dry	10000	6/30/2007
Dibromochloromethane	ND	220		mg/Kg-dry	10000	6/30/2007
1,1-Dichloroethane	ND	220		mg/Kg-dry	10000	6/30/2007
1,2-Dichloroethane	ND	220		mg/Kg-dry	10000	6/30/2007
1,1-Dichloroethene	ND	220		mg/Kg-dry	10000	6/30/2007
cis-1,2-Dichloroethene	ND	220		mg/Kg-dry	10000	6/30/2007
trans-1,2-Dichloroethene	ND	220		mg/Kg-dry	10000	6/30/2007
1,2-Dichloropropane	ND	220		mg/Kg-dry	10000	6/30/2007
cis-1,3-Dichloropropene	ND	87		mg/Kg-dry	10000	6/30/2007
trans-1,3-Dichloropropene	ND	87		mg/Kg-dry	10000	6/30/2007
Ethylbenzene	3400	220		mg/Kg-dry	10000	6/30/2007
2-Hexanone	ND	440		mg/Kg-dry	10000	6/30/2007
4-Methyl-2-pentanone	970	440		mg/Kg-dry	10000	6/30/2007
Methylene chloride	3700	440		mg/Kg-dry	10000	6/30/2007
Methyl tert-butyl ether	ND	220		mg/Kg-dry	10000	6/30/2007
Styrene	ND	220		mg/Kg-dry	10000	6/30/2007
1,1,2,2-Tetrachloroethane	ND	220		mg/Kg-dry	10000	6/30/2007
Tetrachloroethene	280	220		mg/Kg-dry	10000	6/30/2007
Toluene	11000	220		mg/Kg-dry	10000	6/30/2007
1,1,1-Trichloroethane	ND	220		mg/Kg-dry	10000	6/30/2007
1,1,2-Trichloroethane	ND	220		mg/Kg-dry	10000	6/30/2007
Trichloroethene	2000	220		mg/Kg-dry	10000	6/30/2007
Vinyl chloride	ND	220		mg/Kg-dry	10000	6/30/2007
Xylenes, Total	17000	650		mg/Kg-dry	10000	6/30/2007
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/26/2007**		Analyst: **PS**
Benzene	1.4	0.5		mg/L	100	6/30/2007
2-Butanone	3	1		mg/L	100	6/30/2007
Carbon tetrachloride	ND	0.5		mg/L	100	6/30/2007
Chlorobenzene	ND	0.5		mg/L	100	6/30/2007
Chloroform	ND	0.5		mg/L	100	6/30/2007
1,2-Dichloroethane	ND	0.5		mg/L	100	6/30/2007
1,1-Dichloroethene	ND	0.5		mg/L	100	6/30/2007
Tetrachloroethene	ND	0.5		mg/L	100	6/30/2007
Trichloroethene	4.3	0.5		mg/L	100	6/30/2007
Vinyl chloride	ND	0.5		mg/L	100	6/30/2007
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client:	STN, Inc.	**Client Sample ID:**	S-1
Lab Order:	07060789	**Collection Date:**	6/25/2007 1:05:00 PM
Project:	US Scrap, 123rd & Cottage Grove	**Matrix:**	Soil
Lab ID:	07060789-001		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**
pH	6.8			pH Units	1	6/28/2007
Percent Moisture	**D2974**			Prep Date: **7/12/2007**		Analyst: **CM**
Percent Moisture	32.3	0.01	*	wt%	1	7/13/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-002

Client Sample ID: S-2
Collection Date: 6/25/2007 1:31:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3660B)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	1		mg/Kg-dry	10	7/1/2007
Aroclor 1221	ND	1		mg/Kg-dry	10	7/1/2007
Aroclor 1232	ND	1		mg/Kg-dry	10	7/1/2007
Aroclor 1242	13	1		mg/Kg-dry	10	7/1/2007
Aroclor 1248	ND	1		mg/Kg-dry	10	7/1/2007
Aroclor 1254	22	1		mg/Kg-dry	10	7/1/2007
Aroclor 1260	15	1		mg/Kg-dry	10	7/1/2007
Pesticides	**SW8081 (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **RDK**
4,4'-DDD	ND	0.042		mg/Kg-dry	10	7/3/2007
4,4'-DDE	ND	0.042		mg/Kg-dry	10	7/3/2007
4,4'-DDT	ND	0.042		mg/Kg-dry	10	7/3/2007
Aldrin	ND	0.021		mg/Kg-dry	10	7/3/2007
alpha-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
alpha-Chlordane	2.7	0.21		mg/Kg-dry	100	7/6/2007
beta-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
Chlordane	27	10		mg/Kg-dry	100	7/6/2007
delta-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
Dieldrin	ND	0.042		mg/Kg-dry	10	7/3/2007
Endosulfan I	ND	0.021		mg/Kg-dry	10	7/3/2007
Endosulfan II	ND	0.042		mg/Kg-dry	10	7/3/2007
Endosulfan sulfate	ND	0.042		mg/Kg-dry	10	7/3/2007
Endrin	ND	0.042		mg/Kg-dry	10	7/3/2007
Endrin aldehyde	ND	0.042		mg/Kg-dry	10	7/3/2007
Endrin ketone	ND	0.042		mg/Kg-dry	10	7/3/2007
gamma-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
gamma-Chlordane	3	0.21		mg/Kg-dry	100	7/6/2007
Heptachlor	ND	0.021		mg/Kg-dry	10	7/3/2007
Heptachlor epoxide	ND	0.021		mg/Kg-dry	10	7/3/2007
Methoxychlor	ND	0.021		mg/Kg-dry	10	7/3/2007
Toxaphene	ND	0.42		mg/Kg-dry	10	7/3/2007
TCLP Mercury	**SW1311/7470A**			Prep Date: **6/28/2007**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	6/29/2007
Mercury	**SW7471A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	ND	0.032		mg/Kg-dry	1	6/28/2007
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	7.1	1.2		mg/Kg-dry	10	7/2/2007

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Date Reported: July 17, 2007
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Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-002

Client Sample ID: S-2
Collection Date: 6/25/2007 1:31:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Barium	320	1.2		mg/Kg-dry	10	7/2/2007
Cadmium	2.2	0.6		mg/Kg-dry	10	7/2/2007
Chromium	210	1.2		mg/Kg-dry	10	7/2/2007
Lead	530	0.6		mg/Kg-dry	10	7/2/2007
Selenium	1.8	1.2		mg/Kg-dry	10	7/2/2007
Silver	ND	1.2		mg/Kg-dry	10	7/2/2007
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	6/28/2007
Barium	0.95	0.02		mg/L	5	6/28/2007
Cadmium	ND	0.005		mg/L	5	6/28/2007
Chromium	ND	0.01		mg/L	5	6/28/2007
Lead	0.02	0.005		mg/L	5	6/28/2007
Selenium	ND	0.01		mg/L	5	6/28/2007
Silver	ND	0.01		mg/L	5	6/28/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C-SIM (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	9.9	0.42		mg/Kg-dry	10	7/2/2007
Acenaphthylene	1.6	0.42		mg/Kg-dry	10	7/2/2007
Anthracene	6.9	0.42		mg/Kg-dry	10	7/2/2007
Benz(a)anthracene	11	0.42		mg/Kg-dry	10	7/2/2007
Benzo(a)pyrene	3.4	0.42		mg/Kg-dry	10	7/2/2007
Benzo(b)fluoranthene	5.1	0.42		mg/Kg-dry	10	7/2/2007
Benzo(g,h,i)perylene	2.4	0.42		mg/Kg-dry	10	7/2/2007
Benzo(k)fluoranthene	3.4	0.42		mg/Kg-dry	10	7/2/2007
Chrysene	11	0.42		mg/Kg-dry	10	7/2/2007
Dibenz(a,h)anthracene	0.75	0.42		mg/Kg-dry	10	7/2/2007
Fluoranthene	28	0.42		mg/Kg-dry	10	7/2/2007
Fluorene	11	0.42		mg/Kg-dry	10	7/2/2007
Indeno(1,2,3-cd)pyrene	2.6	0.42		mg/Kg-dry	10	7/2/2007
Naphthalene	160	4.2		mg/Kg-dry	100	7/3/2007
Phenanthrene	34	0.42		mg/Kg-dry	10	7/2/2007
Pyrene	22	0.42		mg/Kg-dry	10	7/2/2007
N-Nitrosodi-n-propylamine	ND	0.42		mg/Kg-dry	10	7/2/2007
Pentachlorophenol	ND	0.042		mg/Kg-dry	1	6/28/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	2.1		mg/Kg-dry	1	6/28/2007
Benzidine	ND	2.1		mg/Kg-dry	1	6/28/2007
Benzoic acid	ND	10		mg/Kg-dry	1	6/28/2007

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Lab ID: 07060789-002

Client Sample ID: S-2
Collection Date: 6/25/2007 1:31:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: JT
Benzyl alcohol	ND	2.1		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethoxy)methane	ND	2.1		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethyl)ether	ND	2.1		mg/Kg-dry	1	6/28/2007
Bis(2-ethylhexyl)phthalate	260	21		mg/Kg-dry	10	6/30/2007
4-Bromophenyl phenyl ether	ND	2.1		mg/Kg-dry	1	6/28/2007
Butyl benzyl phthalate	ND	2.1		mg/Kg-dry	1	6/28/2007
Carbazole	2.5	2.1		mg/Kg-dry	1	6/28/2007
4-Chloroaniline	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Chloro-3-methylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Chloronaphthalene	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Chlorophenol	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Chlorophenyl phenyl ether	ND	2.1		mg/Kg-dry	1	6/28/2007
Dibenzofuran	7.1	2.1		mg/Kg-dry	1	6/28/2007
1,2-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
1,3-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
1,4-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
3,3'-Dichlorobenzidine	ND	4.2		mg/Kg-dry	1	6/28/2007
2,4-Dichlorophenol	ND	2.1		mg/Kg-dry	1	6/28/2007
Diethyl phthalate	ND	2.1		mg/Kg-dry	1	6/28/2007
2,4-Dimethylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
Dimethyl phthalate	ND	2.1		mg/Kg-dry	1	6/28/2007
4,6-Dinitro-2-methylphenol	ND	10		mg/Kg-dry	1	6/28/2007
2,4-Dinitrophenol	ND	10		mg/Kg-dry	1	6/28/2007
2,4-Dinitrotoluene	ND	2.1		mg/Kg-dry	1	6/28/2007
2,6-Dinitrotoluene	ND	2.1		mg/Kg-dry	1	6/28/2007
Di-n-butyl phthalate	8.4	2.1		mg/Kg-dry	1	6/28/2007
Di-n-octyl phthalate	3.5	2.1		mg/Kg-dry	1	6/28/2007
Hexachlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
Hexachlorobutadiene	ND	2.1		mg/Kg-dry	1	6/28/2007
Hexachlorocyclopentadiene	ND	2.1		mg/Kg-dry	1	6/28/2007
Hexachloroethane	ND	2.1		mg/Kg-dry	1	6/28/2007
Isophorone	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Methylnaphthalene	64	2.1		mg/Kg-dry	1	6/28/2007
2-Methylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Methylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Nitroaniline	ND	10		mg/Kg-dry	1	6/28/2007
3-Nitroaniline	ND	10		mg/Kg-dry	1	6/28/2007
4-Nitroaniline	ND	10		mg/Kg-dry	1	6/28/2007

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Client Sample ID: S-2
Collection Date: 6/25/2007 1:31:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
2-Nitrophenol	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Nitrophenol	ND	10		mg/Kg-dry	1	6/28/2007
Nitrobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
N-Nitrosodi-n-propylamine	ND	2.1		mg/Kg-dry	1	6/28/2007
N-Nitrosodimethylamine	ND	2.1		mg/Kg-dry	1	6/28/2007
N-Nitrosodiphenylamine	ND	2.1		mg/Kg-dry	1	6/28/2007
2, 2'-oxybis(1-Chloropropane)	ND	2.1		mg/Kg-dry	1	6/28/2007
Pentachlorophenol	ND	10		mg/Kg-dry	1	6/28/2007
Phenol	ND	2.1		mg/Kg-dry	1	6/28/2007
Pyridine	ND	2.1		mg/Kg-dry	1	6/28/2007
1,2,4-Trichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
2,4,5-Trichlorophenol	ND	4.2		mg/Kg-dry	1	6/28/2007
2,4,6-Trichlorophenol	ND	2.1		mg/Kg-dry	1	6/28/2007
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **6/28/2007**		Analyst: **JT**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	6/28/2007
2,4-Dinitrotoluene	ND	0.01		mg/L	1	6/28/2007
Hexachlorobenzene	ND	0.01		mg/L	1	6/28/2007
Hexachlorobutadiene	ND	0.01		mg/L	1	6/28/2007
Hexachloroethane	ND	0.01		mg/L	1	6/28/2007
Nitrobenzene	ND	0.01		mg/L	1	6/28/2007
2-methylphenol	ND	0.01		mg/L	1	6/28/2007
3- & 4-Methylphenol	0.077	0.01		mg/L	1	6/28/2007
Pentachlorophenol	ND	0.05		mg/L	1	6/28/2007
Pyridine	ND	0.01		mg/L	1	6/28/2007
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	6/28/2007
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	6/28/2007
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Acetone	ND	840		mg/Kg-dry	5000	6/30/2007 uJ L
Benzene	420	84		mg/Kg-dry	5000	6/30/2007
Bromodichloromethane	ND	84		mg/Kg-dry	5000	6/30/2007
Bromoform	ND	84		mg/Kg-dry	5000	6/30/2007
Bromomethane	ND	170		mg/Kg-dry	5000	6/30/2007 uJ L
2-Butanone	ND	170		mg/Kg-dry	5000	6/30/2007
Carbon disulfide	ND	84		mg/Kg-dry	5000	6/30/2007
Carbon tetrachloride	ND	84		mg/Kg-dry	5000	6/30/2007
Chlorobenzene	ND	84		mg/Kg-dry	5000	6/30/2007
Chloroethane	ND	170		mg/Kg-dry	5000	6/30/2007

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7/19/07

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-002

Client Sample ID: S-2
Collection Date: 6/25/2007 1:31:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Chloroform	ND	84		mg/Kg-dry	5000	6/30/2007
Chloromethane	ND	170		mg/Kg-dry	5000	6/30/2007
Dibromochloromethane	ND	84		mg/Kg-dry	5000	6/30/2007
1,1-Dichloroethane	ND	84		mg/Kg-dry	5000	6/30/2007
1,2-Dichloroethane	ND	84		mg/Kg-dry	5000	6/30/2007
1,1-Dichloroethene	ND	84		mg/Kg-dry	5000	6/30/2007
cis-1,2-Dichloroethene	ND	84		mg/Kg-dry	5000	6/30/2007
trans-1,2-Dichloroethene	ND	84		mg/Kg-dry	5000	6/30/2007
1,2-Dichloropropane	ND	84		mg/Kg-dry	5000	6/30/2007
cis-1,3-Dichloropropene	ND	34		mg/Kg-dry	5000	6/30/2007
trans-1,3-Dichloropropene	ND	34		mg/Kg-dry	5000	6/30/2007
Ethylbenzene	2300	84		mg/Kg-dry	5000	6/30/2007
2-Hexanone	ND	170		mg/Kg-dry	5000	6/30/2007
4-Methyl-2-pentanone	ND	170		mg/Kg-dry	5000	6/30/2007
Methylene chloride	ND	170		mg/Kg-dry	5000	6/30/2007
Methyl tert-butyl ether	ND	84		mg/Kg-dry	5000	6/30/2007
Styrene	ND	84		mg/Kg-dry	5000	6/30/2007
1,1,2,2-Tetrachloroethane	ND	84		mg/Kg-dry	5000	6/30/2007
Tetrachloroethene	ND	84		mg/Kg-dry	5000	6/30/2007
Toluene	2400	84		mg/Kg-dry	5000	6/30/2007
1,1,1-Trichloroethane	ND	84		mg/Kg-dry	5000	6/30/2007
1,1,2-Trichloroethane	ND	84		mg/Kg-dry	5000	6/30/2007
Trichloroethene	ND	84		mg/Kg-dry	5000	6/30/2007
Vinyl chloride	ND	84		mg/Kg-dry	5000	6/30/2007
Xylenes, Total	12000	260		mg/Kg-dry	5000	6/30/2007
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/26/2007**		Analyst: **PS**
Benzene	3.4	0.25		mg/L	50	6/30/2007
2-Butanone	ND	0.5		mg/L	50	6/30/2007
Carbon tetrachloride	ND	0.25		mg/L	50	6/30/2007
Chlorobenzene	ND	0.25		mg/L	50	6/30/2007
Chloroform	ND	0.25		mg/L	50	6/30/2007
1,2-Dichloroethane	ND	0.25		mg/L	50	6/30/2007
1,1-Dichloroethene	ND	0.25		mg/L	50	6/30/2007
Tetrachloroethene	ND	0.25		mg/L	50	6/30/2007
Trichloroethene	ND	0.25		mg/L	50	6/30/2007
Vinyl chloride	ND	0.25		mg/L	50	6/30/2007
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**

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Lab ID: 07060789-002

Client Sample ID: S-2
Collection Date: 6/25/2007 1:31:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**
pH	8.3			pH Units	1	6/28/2007
Percent Moisture	**D2974**			Prep Date: **7/12/2007**		Analyst: **CM**
Percent Moisture	22.9	0.01	*	wt%	1	7/13/2007

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Lab ID: 07060789-003

Client Sample ID: S-3
Collection Date: 6/25/2007 3:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	10		mg/Kg-dry	10	7/1/2007
Aroclor 1221	ND	10		mg/Kg-dry	10	7/1/2007
Aroclor 1232	ND	10		mg/Kg-dry	10	7/1/2007
Aroclor 1242	29	10		mg/Kg-dry	10	7/1/2007
Aroclor 1248	ND	10		mg/Kg-dry	10	7/1/2007
Aroclor 1254	57	10		mg/Kg-dry	100	7/2/2007
Aroclor 1260	17	10		mg/Kg-dry	10	7/1/2007
Pesticides		**SW8081 (SW3550B)**		Prep Date: **6/27/2007**		Analyst: **RDK**
4,4'-DDD	ND	0.042		mg/Kg-dry	10	7/3/2007
4,4'-DDE	ND	0.042		mg/Kg-dry	10	7/3/2007
4,4'-DDT	ND	0.042		mg/Kg-dry	10	7/3/2007
Aldrin	ND	0.021		mg/Kg-dry	10	7/3/2007
alpha-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
alpha-Chlordane	3.5	0.21		mg/Kg-dry	100	7/3/2007
beta-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
Chlordane	35	10		mg/Kg-dry	100	7/3/2007
delta-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
Dieldrin	ND	0.042		mg/Kg-dry	10	7/3/2007
Endosulfan I	ND	0.021		mg/Kg-dry	10	7/3/2007
Endosulfan II	ND	0.042		mg/Kg-dry	10	7/3/2007
Endosulfan sulfate	ND	0.042		mg/Kg-dry	10	7/3/2007
Endrin	ND	0.042		mg/Kg-dry	10	7/3/2007
Endrin aldehyde	ND	0.042		mg/Kg-dry	10	7/3/2007
Endrin ketone	ND	0.042		mg/Kg-dry	10	7/3/2007
gamma-BHC	ND	0.021		mg/Kg-dry	10	7/3/2007
gamma-Chlordane	3.9	0.21		mg/Kg-dry	100	7/3/2007
Heptachlor	ND	0.021		mg/Kg-dry	10	7/3/2007
Heptachlor epoxide	ND	0.021		mg/Kg-dry	10	7/3/2007
Methoxychlor	ND	0.021		mg/Kg-dry	10	7/3/2007
Toxaphene	ND	0.42		mg/Kg-dry	10	7/3/2007
TCLP Mercury		**SW1311/7470A**		Prep Date: **6/28/2007**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	6/29/2007
Mercury		**SW7471A**		Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	0.21	0.033		mg/Kg-dry	1	6/28/2007
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	11	1.2		mg/Kg-dry	10	7/2/2007

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Client Sample ID: S-3
Collection Date: 6/25/2007 3:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Barium	160	1.2		mg/Kg-dry	10	7/2/2007
Cadmium	2.7	0.61		mg/Kg-dry	10	7/2/2007
Chromium	500	1.2		mg/Kg-dry	10	7/2/2007
Lead	510	0.61		mg/Kg-dry	10	7/2/2007
Selenium	ND	1.2		mg/Kg-dry	10	7/2/2007
Silver	ND	1.2		mg/Kg-dry	10	7/2/2007
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	6/28/2007
Barium	0.22	0.02		mg/L	5	6/28/2007
Cadmium	ND	0.005		mg/L	5	6/28/2007
Chromium	ND	0.01		mg/L	5	6/28/2007
Lead	0.068	0.005		mg/L	5	6/28/2007
Selenium	ND	0.01		mg/L	5	6/28/2007
Silver	ND	0.01		mg/L	5	6/28/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C-SIM (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	11	0.42		mg/Kg-dry	10	7/2/2007
Acenaphthylene	3.4	0.042		mg/Kg-dry	1	7/2/2007
Anthracene	9.2	0.42		mg/Kg-dry	10	7/2/2007
Benz(a)anthracene	12	0.42		mg/Kg-dry	10	7/2/2007
Benzo(a)pyrene	3.1	0.42		mg/Kg-dry	10	7/2/2007
Benzo(b)fluoranthene	4.2	0.42		mg/Kg-dry	10	7/2/2007
Benzo(g,h,i)perylene	0.16	0.042		mg/Kg-dry	1	7/2/2007
Benzo(k)fluoranthene	3.6	0.42		mg/Kg-dry	10	7/2/2007
Chrysene	13	0.42		mg/Kg-dry	10	7/2/2007
Dibenz(a,h)anthracene	0.064	0.042		mg/Kg-dry	1	7/2/2007
Fluoranthene	30	0.42		mg/Kg-dry	10	7/2/2007
Fluorene	13	0.42		mg/Kg-dry	10	7/2/2007
Indeno(1,2,3-cd)pyrene	0.16	0.042		mg/Kg-dry	1	7/2/2007
Naphthalene	450	42		mg/Kg-dry	1000	7/3/2007
Phenanthrene	48	4.2		mg/Kg-dry	100	7/3/2007
Pyrene	27	0.42		mg/Kg-dry	10	7/2/2007
N-Nitrosodi-n-propylamine	ND	0.042		mg/Kg-dry	1	7/2/2007
Pentachlorophenol	ND	0.042		mg/Kg-dry	1	7/2/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	2.1		mg/Kg-dry	1	6/28/2007
Benzidine	ND	2.1		mg/Kg-dry	1	6/28/2007
Benzoic acid	ND	10		mg/Kg-dry	1	6/28/2007

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Client Sample ID: S-3
Collection Date: 6/25/2007 3:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**		Prep Date: **6/27/2007**			Analyst: **JT**
Benzyl alcohol	ND	2.1		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethoxy)methane	ND	2.1		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethyl)ether	ND	2.1		mg/Kg-dry	1	6/28/2007
Bis(2-ethylhexyl)phthalate	340	21		mg/Kg-dry	10	6/30/2007
4-Bromophenyl phenyl ether	ND	2.1		mg/Kg-dry	1	6/28/2007
Butyl benzyl phthalate	ND	2.1		mg/Kg-dry	1	6/28/2007
Carbazole	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Chloroaniline	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Chloro-3-methylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Chloronaphthalene	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Chlorophenol	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Chlorophenyl phenyl ether	ND	2.1		mg/Kg-dry	1	6/28/2007
Dibenzofuran	7.1	2.1		mg/Kg-dry	1	6/28/2007
1,2-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
1,3-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
1,4-Dichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
3,3'-Dichlorobenzidine	ND	4.2		mg/Kg-dry	1	6/28/2007
2,4-Dichlorophenol	ND	2.1		mg/Kg-dry	1	6/28/2007
Diethyl phthalate	ND	2.1		mg/Kg-dry	1	6/28/2007
2,4-Dimethylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
Dimethyl phthalate	ND	2.1		mg/Kg-dry	1	6/28/2007
4,6-Dinitro-2-methylphenol	ND	10		mg/Kg-dry	1	6/28/2007
2,4-Dinitrophenol	ND	10		mg/Kg-dry	1	6/28/2007
2,4-Dinitrotoluene	ND	2.1		mg/Kg-dry	1	6/28/2007
2,6-Dinitrotoluene	ND	2.1		mg/Kg-dry	1	6/28/2007
Di-n-butyl phthalate	63	2.1		mg/Kg-dry	1	6/28/2007
Di-n-octyl phthalate	ND	2.1		mg/Kg-dry	1	6/28/2007
Hexachlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007
Hexachlorobutadiene	ND	2.1		mg/Kg-dry	1	6/28/2007
Hexachlorocyclopentadiene	ND	2.1		mg/Kg-dry	1	6/28/2007
Hexachloroethane	ND	2.1		mg/Kg-dry	1	6/28/2007
Isophorone	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Methylnaphthalene	160	21		mg/Kg-dry	10	6/30/2007
2-Methylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
4-Methylphenol	ND	2.1		mg/Kg-dry	1	6/28/2007
2-Nitroaniline	ND	10		mg/Kg-dry	1	6/28/2007
3-Nitroaniline	ND	10		mg/Kg-dry	1	6/28/2007
4-Nitroaniline	ND	10		mg/Kg-dry	1	6/28/2007

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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed	
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**	
2-Nitrophenol	ND	2.1		mg/Kg-dry	1	6/28/2007	
4-Nitrophenol	ND	10		mg/Kg-dry	1	6/28/2007	
Nitrobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007	
N-Nitrosodi-n-propylamine	ND	2.1		mg/Kg-dry	1	6/28/2007	
N-Nitrosodimethylamine	ND	2.1		mg/Kg-dry	1	6/28/2007	
N-Nitrosodiphenylamine	ND	2.1		mg/Kg-dry	1	6/28/2007	
2, 2'-oxybis(1-Chloropropane)	ND	2.1		mg/Kg-dry	1	6/28/2007	
Pentachlorophenol	ND	10		mg/Kg-dry	1	6/28/2007	
Phenol	ND	2.1		mg/Kg-dry	1	6/28/2007	
Pyridine	ND	2.1		mg/Kg-dry	1	6/28/2007	
1,2,4-Trichlorobenzene	ND	2.1		mg/Kg-dry	1	6/28/2007	
2,4,5-Trichlorophenol	ND	4.2		mg/Kg-dry	1	6/28/2007	
2,4,6-Trichlorophenol	ND	2.1		mg/Kg-dry	1	6/28/2007	
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **6/28/2007**		Analyst: **JT**	
1,4-Dichlorobenzene	ND	0.01		mg/L	1	6/29/2007	
2,4-Dinitrotoluene	ND	0.01		mg/L	1	6/29/2007	
Hexachlorobenzene	ND	0.01		mg/L	1	6/29/2007	
Hexachlorobutadiene	ND	0.01		mg/L	1	6/29/2007	
Hexachloroethane	ND	0.01		mg/L	1	6/29/2007	
Nitrobenzene	ND	0.01		mg/L	1	6/29/2007	
2-methylphenol	ND	0.01		mg/L	1	6/29/2007	
3- & 4-Methylphenol	1.1	0.1		mg/L	10	6/30/2007	
Pentachlorophenol	ND	0.05		mg/L	1	6/29/2007	
Pyridine	ND	0.01		mg/L	1	6/29/2007	
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007	
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007	
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**	
Acetone	ND	1200		mg/Kg-dry	10000	6/30/2007	UJ L
Benzene	220	120		mg/Kg-dry	10000	6/30/2007	
Bromodichloromethane	ND	120		mg/Kg-dry	10000	6/30/2007	
Bromoform	ND	120		mg/Kg-dry	10000	6/30/2007	
Bromomethane	ND	240		mg/Kg-dry	10000	6/30/2007	UJ L
2-Butanone	250	240		mg/Kg-dry	10000	6/30/2007	
Carbon disulfide	ND	120		mg/Kg-dry	10000	6/30/2007	
Carbon tetrachloride	ND	120		mg/Kg-dry	10000	6/30/2007	
Chlorobenzene	ND	120		mg/Kg-dry	10000	6/30/2007	
Chloroethane	ND	240		mg/Kg-dry	10000	6/30/2007	

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Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Chloroform	ND	120		mg/Kg-dry	10000	6/30/2007
Chloromethane	ND	240		mg/Kg-dry	10000	6/30/2007
Dibromochloromethane	ND	120		mg/Kg-dry	10000	6/30/2007
1,1-Dichloroethane	ND	120		mg/Kg-dry	10000	6/30/2007
1,2-Dichloroethane	ND	120		mg/Kg-dry	10000	6/30/2007
1,1-Dichloroethene	ND	120		mg/Kg-dry	10000	6/30/2007
cis-1,2-Dichloroethene	ND	120		mg/Kg-dry	10000	6/30/2007
trans-1,2-Dichloroethene	ND	120		mg/Kg-dry	10000	6/30/2007
1,2-Dichloropropane	ND	120		mg/Kg-dry	10000	6/30/2007
cis-1,3-Dichloropropene	ND	46		mg/Kg-dry	10000	6/30/2007
trans-1,3-Dichloropropene	ND	46		mg/Kg-dry	10000	6/30/2007
Ethylbenzene	3500	120		mg/Kg-dry	10000	6/30/2007
2-Hexanone	ND	240		mg/Kg-dry	10000	6/30/2007
4-Methyl-2-pentanone	780	240		mg/Kg-dry	10000	6/30/2007
Methylene chloride	ND	240		mg/Kg-dry	10000	6/30/2007
Methyl tert-butyl ether	ND	120		mg/Kg-dry	10000	6/30/2007
Styrene	ND	120		mg/Kg-dry	10000	6/30/2007
1,1,2,2-Tetrachloroethane	ND	120		mg/Kg-dry	10000	6/30/2007
Tetrachloroethene	ND	120		mg/Kg-dry	10000	6/30/2007
Toluene	5700	120		mg/Kg-dry	10000	6/30/2007
1,1,1-Trichloroethane	ND	120		mg/Kg-dry	10000	6/30/2007
1,1,2-Trichloroethane	ND	120		mg/Kg-dry	10000	6/30/2007
Trichloroethene	ND	120		mg/Kg-dry	10000	6/30/2007
Vinyl chloride	ND	120		mg/Kg-dry	10000	6/30/2007
Xylenes, Total	16000	340		mg/Kg-dry	10000	6/30/2007
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/26/2007**		Analyst: **PS**
Benzene	2.1	0.05		mg/L	10	6/30/2007
2-Butanone	3.5	1		mg/L	100	7/1/2007
Carbon tetrachloride	ND	0.05		mg/L	10	6/30/2007
Chlorobenzene	ND	0.05		mg/L	10	6/30/2007
Chloroform	ND	0.05		mg/L	10	6/30/2007
1,2-Dichloroethane	ND	0.05		mg/L	10	6/30/2007
1,1-Dichloroethene	ND	0.05		mg/L	10	6/30/2007
Tetrachloroethene	ND	0.05		mg/L	10	6/30/2007
Trichloroethene	ND	0.05		mg/L	10	6/30/2007
Vinyl chloride	0.19	0.05		mg/L	10	6/30/2007
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**

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Date Reported: July 17, 2007
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Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-003

Client Sample ID: S-3
Collection Date: 6/25/2007 3:25:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**
pH	8.3			pH Units	1	6/28/2007
Percent Moisture	**D2974**			Prep Date: **7/12/2007**		Analyst: **CM**
Percent Moisture	24.0	0.01	*	wt%	1	7/13/2007

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Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-004

Client Sample ID: S-4
Collection Date: 6/25/2007 2:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs		**SW8082 (SW3550B)**		Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	24		mg/Kg-dry	10	7/1/2007
Aroclor 1221	ND	24		mg/Kg-dry	10	7/1/2007
Aroclor 1232	ND	24		mg/Kg-dry	10	7/1/2007
Aroclor 1242	63	24		mg/Kg-dry	10	7/1/2007
Aroclor 1248	ND	24		mg/Kg-dry	10	7/1/2007
Aroclor 1254	250	24		mg/Kg-dry	100	7/2/2007
Aroclor 1260	73	24		mg/Kg-dry	10	7/1/2007
Pesticides		**SW8081 (SW3550B)**		Prep Date: **6/27/2007**		Analyst: **RDK**
4,4'-DDD	ND	0.099		mg/Kg-dry	10	7/3/2007
4,4'-DDE	ND	0.099		mg/Kg-dry	10	7/3/2007
4,4'-DDT	ND	0.099		mg/Kg-dry	10	7/3/2007
Aldrin	ND	0.05		mg/Kg-dry	10	7/3/2007
alpha-BHC	ND	0.05		mg/Kg-dry	10	7/3/2007
alpha-Chlordane	15	0.5		mg/Kg-dry	100	7/3/2007
beta-BHC	ND	0.05		mg/Kg-dry	10	7/3/2007
Chlordane	160	24		mg/Kg-dry	100	7/3/2007
delta-BHC	ND	0.05		mg/Kg-dry	10	7/3/2007
Dieldrin	ND	0.099		mg/Kg-dry	10	7/3/2007
Endosulfan I	ND	0.05		mg/Kg-dry	10	7/3/2007
Endosulfan II	ND	0.099		mg/Kg-dry	10	7/3/2007
Endosulfan sulfate	ND	0.099		mg/Kg-dry	10	7/3/2007
Endrin	ND	0.099		mg/Kg-dry	10	7/3/2007
Endrin aldehyde	ND	0.099		mg/Kg-dry	10	7/3/2007
Endrin ketone	ND	0.099		mg/Kg-dry	10	7/3/2007
gamma-BHC	ND	0.05		mg/Kg-dry	10	7/3/2007
gamma-Chlordane	20	0.5		mg/Kg-dry	100	7/3/2007
Heptachlor	ND	0.05		mg/Kg-dry	10	7/3/2007
Heptachlor epoxide	ND	0.05		mg/Kg-dry	10	7/3/2007
Methoxychlor	ND	0.05		mg/Kg-dry	10	7/3/2007
Toxaphene	ND	0.99		mg/Kg-dry	10	7/3/2007
TCLP Mercury		**SW1311/7470A**		Prep Date: **6/28/2007**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	6/29/2007
Mercury		**SW7471A**		Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	0.083	0.074		mg/Kg-dry	1	6/28/2007
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	7.2	2.9		mg/Kg-dry	10	7/2/2007

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Client Sample ID: S-4
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Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Barium	95	2.9		mg/Kg-dry	10	7/2/2007
Cadmium	ND	1.5		mg/Kg-dry	10	7/2/2007
Chromium	160	2.9		mg/Kg-dry	10	7/2/2007
Lead	85	1.5		mg/Kg-dry	10	7/2/2007
Selenium	3.4	2.9		mg/Kg-dry	10	7/2/2007
Silver	ND	2.9		mg/Kg-dry	10	7/2/2007
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	6/28/2007
Barium	0.34	0.02		mg/L	5	6/28/2007
Cadmium	ND	0.005		mg/L	5	6/28/2007
Chromium	ND	0.01		mg/L	5	6/28/2007
Lead	ND	0.005		mg/L	5	6/28/2007
Selenium	ND	0.01		mg/L	5	6/28/2007
Silver	ND	0.01		mg/L	5	6/28/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C-SIM (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	0.27	0.099		mg/Kg-dry	1	7/2/2007
Acenaphthylene	0.58	0.099		mg/Kg-dry	1	7/2/2007
Anthracene	1.4	0.099		mg/Kg-dry	1	7/2/2007
Benz(a)anthracene	3.7	0.099		mg/Kg-dry	1	7/2/2007
Benzo(a)pyrene	3	0.099		mg/Kg-dry	1	7/2/2007
Benzo(b)fluoranthene	3.3	0.099		mg/Kg-dry	1	7/2/2007
Benzo(g,h,i)perylene	5.2	0.099		mg/Kg-dry	1	7/2/2007
Benzo(k)fluoranthene	1.7	0.099		mg/Kg-dry	1	7/2/2007
Chrysene	9.3	0.099		mg/Kg-dry	1	7/2/2007
Dibenz(a,h)anthracene	1.5	0.099		mg/Kg-dry	1	7/2/2007
Fluoranthene	6.2	0.099		mg/Kg-dry	1	7/2/2007
Fluorene	0.47	0.099		mg/Kg-dry	1	7/2/2007
Indeno(1,2,3-cd)pyrene	4.7	0.099		mg/Kg-dry	1	7/2/2007
Naphthalene	5.8	0.099		mg/Kg-dry	1	7/2/2007
Phenanthrene	2.7	0.099		mg/Kg-dry	1	7/2/2007
Pyrene	9.9	0.099		mg/Kg-dry	1	7/2/2007
N-Nitrosodi-n-propylamine	ND	0.099		mg/Kg-dry	1	7/2/2007
Pentachlorophenol	ND	0.099		mg/Kg-dry	1	7/2/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	5.3		mg/Kg-dry	1	6/28/2007
Benzidine	ND	5.3		mg/Kg-dry	1	6/28/2007
Benzoic acid	ND	24		mg/Kg-dry	1	6/28/2007

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Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
Benzyl alcohol	ND	5.3		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethoxy)methane	ND	5.3		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethyl)ether	ND	5.3		mg/Kg-dry	1	6/28/2007
Bis(2-ethylhexyl)phthalate	150	5.3		mg/Kg-dry	1	6/28/2007
4-Bromophenyl phenyl ether	ND	5.3		mg/Kg-dry	1	6/28/2007
Butyl benzyl phthalate	ND	5.3		mg/Kg-dry	1	6/28/2007
Carbazole	ND	5.3		mg/Kg-dry	1	6/28/2007
4-Chloroaniline	ND	5.3		mg/Kg-dry	1	6/28/2007
4-Chloro-3-methylphenol	ND	5.3		mg/Kg-dry	1	6/28/2007
2-Chloronaphthalene	ND	5.3		mg/Kg-dry	1	6/28/2007
2-Chlorophenol	ND	5.3		mg/Kg-dry	1	6/28/2007
4-Chlorophenyl phenyl ether	ND	5.3		mg/Kg-dry	1	6/28/2007
Dibenzofuran	ND	5.3		mg/Kg-dry	1	6/28/2007
1,2-Dichlorobenzene	ND	5.3		mg/Kg-dry	1	6/28/2007
1,3-Dichlorobenzene	ND	5.3		mg/Kg-dry	1	6/28/2007
1,4-Dichlorobenzene	ND	5.3		mg/Kg-dry	1	6/28/2007
3,3'-Dichlorobenzidine	ND	9.9		mg/Kg-dry	1	6/28/2007
2,4-Dichlorophenol	ND	5.3		mg/Kg-dry	1	6/28/2007
Diethyl phthalate	ND	5.3		mg/Kg-dry	1	6/28/2007
2,4-Dimethylphenol	17	5.3		mg/Kg-dry	1	6/28/2007
Dimethyl phthalate	ND	5.3		mg/Kg-dry	1	6/28/2007
4,6-Dinitro-2-methylphenol	ND	24		mg/Kg-dry	1	6/28/2007
2,4-Dinitrophenol	ND	24		mg/Kg-dry	1	6/28/2007
2,4-Dinitrotoluene	ND	5.3		mg/Kg-dry	1	6/28/2007
2,6-Dinitrotoluene	ND	5.3		mg/Kg-dry	1	6/28/2007
Di-n-butyl phthalate	ND	5.3		mg/Kg-dry	1	6/28/2007
Di-n-octyl phthalate	ND	5.3		mg/Kg-dry	1	6/28/2007
Hexachlorobenzene	ND	5.3		mg/Kg-dry	1	6/28/2007
Hexachlorobutadiene	ND	5.3		mg/Kg-dry	1	6/28/2007
Hexachlorocyclopentadiene	ND	5.3		mg/Kg-dry	1	6/28/2007
Hexachloroethane	ND	5.3		mg/Kg-dry	1	6/28/2007
Isophorone	ND	5.3		mg/Kg-dry	1	6/28/2007
2-Methylnaphthalene	ND	5.3		mg/Kg-dry	1	6/28/2007
2-Methylphenol	ND	5.3		mg/Kg-dry	1	6/28/2007
4-Methylphenol	5.3	5.3		mg/Kg-dry	1	6/28/2007
2-Nitroaniline	ND	24		mg/Kg-dry	1	6/28/2007
3-Nitroaniline	ND	24		mg/Kg-dry	1	6/28/2007
4-Nitroaniline	ND	24		mg/Kg-dry	1	6/28/2007

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Client Sample ID: S-4
Collection Date: 6/25/2007 2:35:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
2-Nitrophenol	ND	5.3		mg/Kg-dry	1	6/28/2007
4-Nitrophenol	ND	24		mg/Kg-dry	1	6/28/2007
Nitrobenzene	ND	5.3		mg/Kg-dry	1	6/28/2007
N-Nitrosodi-n-propylamine	ND	5.3		mg/Kg-dry	1	6/28/2007
N-Nitrosodimethylamine	ND	5.3		mg/Kg-dry	1	6/28/2007
N-Nitrosodiphenylamine	ND	5.3		mg/Kg-dry	1	6/28/2007
2, 2'-oxybis(1-Chloropropane)	ND	5.3		mg/Kg-dry	1	6/28/2007
Pentachlorophenol	ND	24		mg/Kg-dry	1	6/28/2007
Phenol	ND	5.3		mg/Kg-dry	1	6/28/2007
Pyridine	ND	5.3		mg/Kg-dry	1	6/28/2007
1,2,4-Trichlorobenzene	ND	5.3		mg/Kg-dry	1	6/28/2007
2,4,5-Trichlorophenol	ND	9.9		mg/Kg-dry	1	6/28/2007
2,4,6-Trichlorophenol	ND	5.3		mg/Kg-dry	1	6/28/2007
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **6/28/2007**		Analyst: **JT**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	6/29/2007
2,4-Dinitrotoluene	ND	0.01		mg/L	1	6/29/2007
Hexachlorobenzene	ND	0.01		mg/L	1	6/29/2007
Hexachlorobutadiene	ND	0.01		mg/L	1	6/29/2007
Hexachloroethane	ND	0.01		mg/L	1	6/29/2007
Nitrobenzene	ND	0.01		mg/L	1	6/29/2007
2-methylphenol	0.022	0.01		mg/L	1	6/29/2007
3- & 4-Methylphenol	ND	0.01		mg/L	1	6/29/2007
Pentachlorophenol	ND	0.05		mg/L	1	6/29/2007
Pyridine	ND	0.01		mg/L	1	6/29/2007
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Acetone	ND	110		mg/Kg-dry	200	6/30/2007
Benzene	25	11		mg/Kg-dry	200	6/30/2007
Bromodichloromethane	ND	11		mg/Kg-dry	200	6/30/2007
Bromoform	ND	11		mg/Kg-dry	200	6/30/2007
Bromomethane	ND	22		mg/Kg-dry	200	6/30/2007
2-Butanone	ND	22		mg/Kg-dry	200	6/30/2007
Carbon disulfide	ND	11		mg/Kg-dry	200	6/30/2007
Carbon tetrachloride	ND	11		mg/Kg-dry	200	6/30/2007
Chlorobenzene	ND	11		mg/Kg-dry	200	6/30/2007
Chloroethane	ND	22		mg/Kg-dry	200	6/30/2007

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Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Chloroform	ND	11		mg/Kg-dry	200	6/30/2007
Chloromethane	ND	22		mg/Kg-dry	200	6/30/2007
Dibromochloromethane	ND	11		mg/Kg-dry	200	6/30/2007
1,1-Dichloroethane	ND	11		mg/Kg-dry	200	6/30/2007
1,2-Dichloroethane	ND	11		mg/Kg-dry	200	6/30/2007
1,1-Dichloroethene	ND	11		mg/Kg-dry	200	6/30/2007
cis-1,2-Dichloroethene	ND	11		mg/Kg-dry	200	6/30/2007
trans-1,2-Dichloroethene	ND	11		mg/Kg-dry	200	6/30/2007
1,2-Dichloropropane	ND	11		mg/Kg-dry	200	6/30/2007
cis-1,3-Dichloropropene	ND	4.3		mg/Kg-dry	200	6/30/2007
trans-1,3-Dichloropropene	ND	4.3		mg/Kg-dry	200	6/30/2007
Ethylbenzene	85	11		mg/Kg-dry	200	6/30/2007
2-Hexanone	ND	22		mg/Kg-dry	200	6/30/2007
4-Methyl-2-pentanone	68	22		mg/Kg-dry	200	6/30/2007
Methylene chloride	ND	22		mg/Kg-dry	200	6/30/2007
Methyl tert-butyl ether	ND	11		mg/Kg-dry	200	6/30/2007
Styrene	ND	11		mg/Kg-dry	200	6/30/2007
1,1,2,2-Tetrachloroethane	ND	11		mg/Kg-dry	200	6/30/2007
Tetrachloroethene	ND	11		mg/Kg-dry	200	6/30/2007
Toluene	250	11		mg/Kg-dry	200	6/30/2007
1,1,1-Trichloroethane	ND	11		mg/Kg-dry	200	6/30/2007
1,1,2-Trichloroethane	ND	11		mg/Kg-dry	200	6/30/2007
Trichloroethene	ND	11		mg/Kg-dry	200	6/30/2007
Vinyl chloride	ND	11		mg/Kg-dry	200	6/30/2007
Xylenes, Total	490	34		mg/Kg-dry	200	6/30/2007
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/27/2007**		Analyst: **PS**
Benzene	0.14	0.05		mg/L	10	6/30/2007
2-Butanone	ND	0.1		mg/L	10	6/30/2007
Carbon tetrachloride	ND	0.05		mg/L	10	6/30/2007
Chlorobenzene	ND	0.05		mg/L	10	6/30/2007
Chloroform	ND	0.05		mg/L	10	6/30/2007
1,2-Dichloroethane	ND	0.05		mg/L	10	6/30/2007
1,1-Dichloroethene	ND	0.05		mg/L	10	6/30/2007
Tetrachloroethene	ND	0.05		mg/L	10	6/30/2007
Trichloroethene	ND	0.05		mg/L	10	6/30/2007
Vinyl chloride	ND	0.05		mg/L	10	6/30/2007
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client:	STN, Inc.	**Client Sample ID:**	S-4
Lab Order:	07060789	**Collection Date:**	6/25/2007 2:35:00 PM
Project:	US Scrap, 123rd & Cottage Grove	**Matrix:**	Soil
Lab ID:	07060789-004		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**
pH	7.4			pH Units	1	6/28/2007
Percent Moisture	**D2974**			Prep Date: **7/12/2007**		Analyst: **CM**
Percent Moisture	67.7	0.01	*	wt%	1	7/13/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-005

Client Sample ID: S-5
Collection Date: 6/25/2007 3:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	0.064		mg/Kg-dry	1	6/29/2007
Aroclor 1221	ND	0.064		mg/Kg-dry	1	6/29/2007
Aroclor 1232	ND	0.064		mg/Kg-dry	1	6/29/2007
Aroclor 1242	320	6.4		mg/Kg-dry	100	6/29/2007
Aroclor 1248	ND	0.064		mg/Kg-dry	1	6/29/2007
Aroclor 1254	960	6.4		mg/Kg-dry	100	6/29/2007
Aroclor 1260	6700	6.4		mg/Kg-dry	100	6/29/2007
Pesticides	**SW8081 (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **RDK**
4,4'-DDD	ND	0.026		mg/Kg-dry	10	7/3/2007
4,4'-DDE	ND	0.026		mg/Kg-dry	10	7/3/2007
4,4'-DDT	ND	0.026		mg/Kg-dry	10	7/3/2007
Aldrin	ND	0.013		mg/Kg-dry	10	7/3/2007
alpha-BHC	ND	0.013		mg/Kg-dry	10	7/3/2007
alpha-Chlordane	140	1.3		mg/Kg-dry	1000	7/6/2007
beta-BHC	ND	0.013		mg/Kg-dry	10	7/3/2007
Chlordane	820	64		mg/Kg-dry	1000	7/6/2007
delta-BHC	ND	0.013		mg/Kg-dry	10	7/3/2007
Dieldrin	ND	0.026		mg/Kg-dry	10	7/3/2007
Endosulfan I	ND	0.013		mg/Kg-dry	10	7/3/2007
Endosulfan II	ND	0.026		mg/Kg-dry	10	7/3/2007
Endosulfan sulfate	ND	0.026		mg/Kg-dry	10	7/3/2007
Endrin	ND	0.026		mg/Kg-dry	10	7/3/2007
Endrin aldehyde	ND	0.026		mg/Kg-dry	10	7/3/2007
Endrin ketone	ND	0.026		mg/Kg-dry	10	7/3/2007
gamma-BHC	1	0.013		mg/Kg-dry	10	7/3/2007
gamma-Chlordane	120	1.3		mg/Kg-dry	1000	7/6/2007
Heptachlor	ND	0.013		mg/Kg-dry	10	7/3/2007
Heptachlor epoxide	ND	0.013		mg/Kg-dry	10	7/3/2007
Methoxychlor	ND	0.013		mg/Kg-dry	10	7/3/2007
Toxaphene	ND	0.26		mg/Kg-dry	10	7/3/2007
TCLP Mercury	**SW1311/7470A**			Prep Date: **6/28/2007**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	6/29/2007
Mercury	**SW7471A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	2.5	0.35		mg/Kg-dry	10	6/28/2007
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	1.3		mg/Kg-dry	10	7/2/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-005

Client Sample ID: S-5
Collection Date: 6/25/2007 3:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Barium	5200	66		mg/Kg-dry	500	7/2/2007
Cadmium	150	0.66		mg/Kg-dry	10	7/2/2007
Chromium	7500	66		mg/Kg-dry	500	7/2/2007
Lead	19000	33		mg/Kg-dry	500	7/2/2007
Selenium	ND	1.3		mg/Kg-dry	10	7/2/2007
Silver	ND	1.3		mg/Kg-dry	10	7/2/2007
TCLP Metals by ICP/MS	***SW1311/6020 (SW3005A)***			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	6/28/2007
Barium	4.3	0.02		mg/L	5	6/28/2007
Cadmium	1.5	0.005		mg/L	5	6/28/2007
Chromium	0.46	0.01		mg/L	5	6/28/2007
Lead	28	0.005		mg/L	5	6/28/2007
Selenium	ND	0.01		mg/L	5	6/28/2007
Silver	ND	0.01		mg/L	5	6/28/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C-SIM (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	ND	0.046		mg/Kg-dry	1	7/3/2007
Acenaphthylene	0.12	0.046		mg/Kg-dry	1	7/3/2007
Anthracene	0.17	0.046		mg/Kg-dry	1	7/3/2007
Benz(a)anthracene	0.29	0.046		mg/Kg-dry	1	7/3/2007
Benzo(a)pyrene	0.091	0.046		mg/Kg-dry	1	7/3/2007
Benzo(b)fluoranthene	0.2	0.046		mg/Kg-dry	1	7/3/2007
Benzo(g,h,i)perylene	0.064	0.046		mg/Kg-dry	1	7/3/2007
Benzo(k)fluoranthene	0.12	0.046		mg/Kg-dry	1	7/3/2007
Chrysene	0.41	0.046		mg/Kg-dry	1	7/3/2007
Dibenz(a,h)anthracene	ND	0.046		mg/Kg-dry	1	7/3/2007
Fluoranthene	0.8	0.046		mg/Kg-dry	1	7/3/2007
Fluorene	0.38	0.046		mg/Kg-dry	1	7/3/2007
Indeno(1,2,3-cd)pyrene	0.064	0.046		mg/Kg-dry	1	7/3/2007
Naphthalene	22	0.46		mg/Kg-dry	10	7/3/2007
Phenanthrene	1.4	0.046		mg/Kg-dry	1	7/3/2007
Pyrene	0.63	0.046		mg/Kg-dry	1	7/3/2007
N-Nitrosodi-n-propylamine	ND	0.046		mg/Kg-dry	1	7/3/2007
Pentachlorophenol	ND	0.046		mg/Kg-dry	1	7/3/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	37		mg/Kg-dry	1	6/28/2007
Benzidine	ND	37		mg/Kg-dry	1	6/28/2007
Benzoic acid	ND	74		mg/Kg-dry	1	6/28/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-005

Client Sample ID: S-5
Collection Date: 6/25/2007 3:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **JT**
Benzyl alcohol	ND	37		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethoxy)methane	ND	37		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethyl)ether	ND	37		mg/Kg-dry	1	6/28/2007
Bis(2-ethylhexyl)phthalate	380	37		mg/Kg-dry	1	6/28/2007
4-Bromophenyl phenyl ether	ND	37		mg/Kg-dry	1	6/28/2007
Butyl benzyl phthalate	ND	37		mg/Kg-dry	1	6/28/2007
Carbazole	ND	37		mg/Kg-dry	1	6/28/2007
4-Chloroaniline	ND	37		mg/Kg-dry	1	6/28/2007
4-Chloro-3-methylphenol	ND	37		mg/Kg-dry	1	6/28/2007
2-Chloronaphthalene	ND	37		mg/Kg-dry	1	6/28/2007
2-Chlorophenol	ND	37		mg/Kg-dry	1	6/28/2007
4-Chlorophenyl phenyl ether	ND	37		mg/Kg-dry	1	6/28/2007
Dibenzofuran	ND	37		mg/Kg-dry	1	6/28/2007
1,2-Dichlorobenzene	ND	37		mg/Kg-dry	1	6/28/2007
1,3-Dichlorobenzene	ND	37		mg/Kg-dry	1	6/28/2007
1,4-Dichlorobenzene	ND	37		mg/Kg-dry	1	6/28/2007
3,3'-Dichlorobenzidine	ND	37		mg/Kg-dry	1	6/28/2007
2,4-Dichlorophenol	ND	37		mg/Kg-dry	1	6/28/2007
Diethyl phthalate	ND	37		mg/Kg-dry	1	6/28/2007
2,4-Dimethylphenol	ND	37		mg/Kg-dry	1	6/28/2007
Dimethyl phthalate	ND	37		mg/Kg-dry	1	6/28/2007
4,6-Dinitro-2-methylphenol	ND	74		mg/Kg-dry	1	6/28/2007
2,4-Dinitrophenol	ND	74		mg/Kg-dry	1	6/28/2007
2,4-Dinitrotoluene	ND	37		mg/Kg-dry	1	6/28/2007
2,6-Dinitrotoluene	ND	37		mg/Kg-dry	1	6/28/2007
Di-n-butyl phthalate	170	37		mg/Kg-dry	1	6/28/2007
Di-n-octyl phthalate	160	37		mg/Kg-dry	1	6/28/2007
Hexachlorobenzene	ND	37		mg/Kg-dry	1	6/28/2007
Hexachlorobutadiene	ND	37		mg/Kg-dry	1	6/28/2007
Hexachlorocyclopentadiene	ND	37		mg/Kg-dry	1	6/28/2007
Hexachloroethane	ND	37		mg/Kg-dry	1	6/28/2007
Isophorone	660	37		mg/Kg-dry	1	6/28/2007
2-Methylnaphthalene	85	37		mg/Kg-dry	1	6/28/2007
2-Methylphenol	69	37		mg/Kg-dry	1	6/28/2007
4-Methylphenol	150	37		mg/Kg-dry	1	6/28/2007
2-Nitroaniline	ND	74		mg/Kg-dry	1	6/28/2007
3-Nitroaniline	ND	74		mg/Kg-dry	1	6/28/2007
4-Nitroaniline	ND	74		mg/Kg-dry	1	6/28/2007

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Date Reported: July 17, 2007
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Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-005

Client Sample ID: S-5
Collection Date: 6/25/2007 3:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **JT**
2-Nitrophenol	ND	37		mg/Kg-dry	1	6/28/2007
4-Nitrophenol	ND	74		mg/Kg-dry	1	6/28/2007
Nitrobenzene	ND	37		mg/Kg-dry	1	6/28/2007
N-Nitrosodi-n-propylamine	ND	37		mg/Kg-dry	1	6/28/2007
N-Nitrosodimethylamine	ND	37		mg/Kg-dry	1	6/28/2007
N-Nitrosodiphenylamine	ND	37		mg/Kg-dry	1	6/28/2007
2, 2'-oxybis(1-Chloropropane)	ND	37		mg/Kg-dry	1	6/28/2007
Pentachlorophenol	ND	74		mg/Kg-dry	1	6/28/2007
Phenol	190	37		mg/Kg-dry	1	6/28/2007
Pyridine	ND	37		mg/Kg-dry	1	6/28/2007
1,2,4-Trichlorobenzene	ND	37		mg/Kg-dry	1	6/28/2007
2,4,5-Trichlorophenol	ND	37		mg/Kg-dry	1	6/28/2007
2,4,6-Trichlorophenol	ND	37		mg/Kg-dry	1	6/28/2007
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **6/28/2007**		Analyst: **JT**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	6/29/2007
2,4-Dinitrotoluene	ND	0.01		mg/L	1	6/29/2007
Hexachlorobenzene	ND	0.01		mg/L	1	6/29/2007
Hexachlorobutadiene	ND	0.01		mg/L	1	6/29/2007
Hexachloroethane	ND	0.01		mg/L	1	6/29/2007
Nitrobenzene	ND	0.01		mg/L	1	6/29/2007
2-methylphenol	1.4	0.1		mg/L	10	6/30/2007
3- & 4-Methylphenol	3.1	0.5		mg/L	50	6/30/2007
Pentachlorophenol	ND	0.05		mg/L	1	6/29/2007
Pyridine	ND	0.01		mg/L	1	6/29/2007
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Acetone	ND	1100		mg/Kg-dry	10000	6/30/2007
Benzene	140	110		mg/Kg-dry	10000	6/30/2007
Bromodichloromethane	ND	110		mg/Kg-dry	10000	6/30/2007
Bromoform	ND	110		mg/Kg-dry	10000	6/30/2007
Bromomethane	ND	220		mg/Kg-dry	10000	6/30/2007
2-Butanone	2000	220		mg/Kg-dry	10000	6/30/2007
Carbon disulfide	ND	110		mg/Kg-dry	10000	6/30/2007
Carbon tetrachloride	ND	110		mg/Kg-dry	10000	6/30/2007
Chlorobenzene	ND	110		mg/Kg-dry	10000	6/30/2007
Chloroethane	ND	220		mg/Kg-dry	10000	6/30/2007

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Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-005

Client Sample ID: S-5
Collection Date: 6/25/2007 3:45:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Chloroform	ND	110		mg/Kg-dry	10000	6/30/2007
Chloromethane	ND	220		mg/Kg-dry	10000	6/30/2007
Dibromochloromethane	ND	110		mg/Kg-dry	10000	6/30/2007
1,1-Dichloroethane	ND	110		mg/Kg-dry	10000	6/30/2007
1,2-Dichloroethane	ND	110		mg/Kg-dry	10000	6/30/2007
1,1-Dichloroethene	ND	110		mg/Kg-dry	10000	6/30/2007
cis-1,2-Dichloroethene	790	110		mg/Kg-dry	10000	6/30/2007
trans-1,2-Dichloroethene	ND	110		mg/Kg-dry	10000	6/30/2007
1,2-Dichloropropane	ND	110		mg/Kg-dry	10000	6/30/2007
cis-1,3-Dichloropropene	ND	43		mg/Kg-dry	10000	6/30/2007
trans-1,3-Dichloropropene	ND	43		mg/Kg-dry	10000	6/30/2007
Ethylbenzene	5900	110		mg/Kg-dry	10000	6/30/2007
2-Hexanone	ND	220		mg/Kg-dry	10000	6/30/2007
4-Methyl-2-pentanone	2000	220		mg/Kg-dry	10000	6/30/2007
Methylene chloride	1400	220		mg/Kg-dry	10000	6/30/2007
Methyl tert-butyl ether	ND	110		mg/Kg-dry	10000	6/30/2007
Styrene	680	110		mg/Kg-dry	10000	6/30/2007
1,1,2,2-Tetrachloroethane	ND	110		mg/Kg-dry	10000	6/30/2007
Tetrachloroethene	1900	110		mg/Kg-dry	10000	6/30/2007
Toluene	21000	540		mg/Kg-dry	50000	7/1/2007
1,1,1-Trichloroethane	1900	110		mg/Kg-dry	10000	6/30/2007
1,1,2-Trichloroethane	ND	110		mg/Kg-dry	10000	6/30/2007
Trichloroethene	19000	540		mg/Kg-dry	50000	7/1/2007
Vinyl chloride	ND	110		mg/Kg-dry	10000	6/30/2007
Xylenes, Total	29000	1700		mg/Kg-dry	50000	7/1/2007
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/27/2007**		Analyst: **PS**
Benzene	1.1	0.5		mg/L	100	6/30/2007
2-Butanone	37	10		mg/L	1000	7/1/2007
Carbon tetrachloride	ND	0.5		mg/L	100	6/30/2007
Chlorobenzene	ND	0.5		mg/L	100	6/30/2007
Chloroform	0.61	0.5		mg/L	100	6/30/2007
1,2-Dichloroethane	ND	0.5		mg/L	100	6/30/2007
1,1-Dichloroethene	ND	0.5		mg/L	100	6/30/2007
Tetrachloroethene	2.1	0.5		mg/L	100	6/30/2007
Trichloroethene	60	5		mg/L	1000	7/1/2007
Vinyl chloride	ND	0.5		mg/L	100	6/30/2007
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client:	STN, Inc.	**Client Sample ID:**	S-5
Lab Order:	07060789	**Collection Date:**	6/25/2007 3:45:00 PM
Project:	US Scrap, 123rd & Cottage Grove	**Matrix:**	Soil
Lab ID:	07060789-005		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**
pH	6.9			pH Units	1	6/28/2007
Percent Moisture	**D2974**			Prep Date: **7/12/2007**		Analyst: **CM**
Percent Moisture	27.8	0.01	*	wt%	1	7/13/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-006

Client Sample ID: S-6
Collection Date: 6/25/2007 2:36:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	25		mg/Kg-dry	10	7/1/2007
Aroclor 1221	ND	25		mg/Kg-dry	10	7/1/2007
Aroclor 1232	ND	25		mg/Kg-dry	10	7/1/2007
Aroclor 1242	61	25		mg/Kg-dry	10	7/1/2007
Aroclor 1248	ND	25		mg/Kg-dry	10	7/1/2007
Aroclor 1254	210	25		mg/Kg-dry	100	7/2/2007
Aroclor 1260	74	25		mg/Kg-dry	10	7/1/2007
Pesticides	**SW8081 (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **RDK**
4,4'-DDD	ND	1		mg/Kg-dry	100	7/3/2007
4,4'-DDE	ND	1		mg/Kg-dry	100	7/3/2007
4,4'-DDT	ND	1		mg/Kg-dry	100	7/3/2007
Aldrin	ND	0.52		mg/Kg-dry	100	7/3/2007
alpha-BHC	ND	0.52		mg/Kg-dry	100	7/3/2007
alpha-Chlordane	14	0.52		mg/Kg-dry	100	7/3/2007
beta-BHC	ND	0.52		mg/Kg-dry	100	7/3/2007
Chlordane	150	25		mg/Kg-dry	100	7/3/2007
delta-BHC	ND	0.52		mg/Kg-dry	100	7/3/2007
Dieldrin	ND	1		mg/Kg-dry	100	7/3/2007
Endosulfan I	ND	0.52		mg/Kg-dry	100	7/3/2007
Endosulfan II	ND	1		mg/Kg-dry	100	7/3/2007
Endosulfan sulfate	ND	1		mg/Kg-dry	100	7/3/2007
Endrin	ND	1		mg/Kg-dry	100	7/3/2007
Endrin aldehyde	ND	1		mg/Kg-dry	100	7/3/2007
Endrin ketone	ND	1		mg/Kg-dry	100	7/3/2007
gamma-BHC	ND	0.52		mg/Kg-dry	100	7/3/2007
gamma-Chlordane	20	0.52		mg/Kg-dry	100	7/3/2007
Heptachlor	ND	0.52		mg/Kg-dry	100	7/3/2007
Heptachlor epoxide	ND	0.52		mg/Kg-dry	100	7/3/2007
Methoxychlor	ND	0.52		mg/Kg-dry	100	7/3/2007
Toxaphene	ND	10		mg/Kg-dry	100	7/3/2007
TCLP Mercury	**SW1311/7470A**			Prep Date: **6/28/2007**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	6/29/2007
Mercury	**SW7471A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	0.11	0.081		mg/Kg-dry	1	6/28/2007
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	7.6	3.1		mg/Kg-dry	10	7/2/2007

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Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-006

Client Sample ID: S-6
Collection Date: 6/25/2007 2:36:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Barium	110	3.1		mg/Kg-dry	10	7/2/2007
Cadmium	ND	1.5		mg/Kg-dry	10	7/2/2007
Chromium	170	3.1		mg/Kg-dry	10	7/2/2007
Lead	98	1.5		mg/Kg-dry	10	7/2/2007
Selenium	3.3	3.1		mg/Kg-dry	10	7/2/2007
Silver	ND	3.1		mg/Kg-dry	10	7/2/2007
TCLP Metals by ICP/MS	**SW1311/6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	0.01		mg/L	5	6/28/2007
Barium	0.35	0.02		mg/L	5	6/28/2007
Cadmium	ND	0.005		mg/L	5	6/28/2007
Chromium	ND	0.01		mg/L	5	6/28/2007
Lead	ND	0.005		mg/L	5	6/28/2007
Selenium	ND	0.01		mg/L	5	6/28/2007
Silver	ND	0.01		mg/L	5	6/28/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C-SIM (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	0.19	0.1		mg/Kg-dry	1	7/3/2007
Acenaphthylene	0.56	0.1		mg/Kg-dry	1	7/3/2007
Anthracene	ND	0.1		mg/Kg-dry	1	7/3/2007
Benz(a)anthracene	1.5	0.1		mg/Kg-dry	1	7/3/2007
Benzo(a)pyrene	3.2	0.1		mg/Kg-dry	1	7/3/2007
Benzo(b)fluoranthene	2.3	0.1		mg/Kg-dry	1	7/3/2007
Benzo(g,h,i)perylene	5	0.1		mg/Kg-dry	1	7/3/2007
Benzo(k)fluoranthene	1.4	0.1		mg/Kg-dry	1	7/3/2007
Chrysene	6	0.1		mg/Kg-dry	1	7/3/2007
Dibenz(a,h)anthracene	1.4	0.1		mg/Kg-dry	1	7/3/2007
Fluoranthene	1.8	0.1		mg/Kg-dry	1	7/3/2007
Fluorene	0.4	0.1		mg/Kg-dry	1	7/3/2007
Indeno(1,2,3-cd)pyrene	4.7	0.1		mg/Kg-dry	1	7/3/2007
Naphthalene	4	0.1		mg/Kg-dry	1	7/3/2007
Phenanthrene	1.6	0.1		mg/Kg-dry	1	7/3/2007
Pyrene	3.5	0.1		mg/Kg-dry	1	7/3/2007
N-Nitrosodi-n-propylamine	ND	0.1		mg/Kg-dry	1	7/3/2007
Pentachlorophenol	ND	0.1		mg/Kg-dry	1	7/3/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	5.5		mg/Kg-dry	1	6/28/2007
Benzidine	ND	5.5		mg/Kg-dry	1	6/28/2007
Benzoic acid	ND	25		mg/Kg-dry	1	6/28/2007

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Lab ID: 07060789-006

Client Sample ID: S-6
Collection Date: 6/25/2007 2:36:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
Benzyl alcohol	ND	5.5		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethoxy)methane	ND	5.5		mg/Kg-dry	1	6/28/2007
Bis(2-chloroethyl)ether	ND	5.5		mg/Kg-dry	1	6/28/2007
Bis(2-ethylhexyl)phthalate	66	5.5		mg/Kg-dry	1	6/28/2007
4-Bromophenyl phenyl ether	ND	5.5		mg/Kg-dry	1	6/28/2007
Butyl benzyl phthalate	ND	5.5		mg/Kg-dry	1	6/28/2007
Carbazole	ND	5.5		mg/Kg-dry	1	6/28/2007
4-Chloroaniline	ND	5.5		mg/Kg-dry	1	6/28/2007
4-Chloro-3-methylphenol	ND	5.5		mg/Kg-dry	1	6/28/2007
2-Chloronaphthalene	ND	5.5		mg/Kg-dry	1	6/28/2007
2-Chlorophenol	ND	5.5		mg/Kg-dry	1	6/28/2007
4-Chlorophenyl phenyl ether	ND	5.5		mg/Kg-dry	1	6/28/2007
Dibenzofuran	ND	5.5		mg/Kg-dry	1	6/28/2007
1,2-Dichlorobenzene	ND	5.5		mg/Kg-dry	1	6/28/2007
1,3-Dichlorobenzene	ND	5.5		mg/Kg-dry	1	6/28/2007
1,4-Dichlorobenzene	ND	5.5		mg/Kg-dry	1	6/28/2007
3,3'-Dichlorobenzidine	ND	10		mg/Kg-dry	1	6/28/2007
2,4-Dichlorophenol	ND	5.5		mg/Kg-dry	1	6/28/2007
Diethyl phthalate	ND	5.5		mg/Kg-dry	1	6/28/2007
2,4-Dimethylphenol	18	5.5		mg/Kg-dry	1	6/28/2007
Dimethyl phthalate	ND	5.5		mg/Kg-dry	1	6/28/2007
4,6-Dinitro-2-methylphenol	ND	25		mg/Kg-dry	1	6/28/2007
2,4-Dinitrophenol	ND	25		mg/Kg-dry	1	6/28/2007
2,4-Dinitrotoluene	ND	5.5		mg/Kg-dry	1	6/28/2007
2,6-Dinitrotoluene	ND	5.5		mg/Kg-dry	1	6/28/2007
Di-n-butyl phthalate	ND	5.5		mg/Kg-dry	1	6/28/2007
Di-n-octyl phthalate	ND	5.5		mg/Kg-dry	1	6/28/2007
Hexachlorobenzene	ND	5.5		mg/Kg-dry	1	6/28/2007
Hexachlorobutadiene	ND	5.5		mg/Kg-dry	1	6/28/2007
Hexachlorocyclopentadiene	ND	5.5		mg/Kg-dry	1	6/28/2007
Hexachloroethane	ND	5.5		mg/Kg-dry	1	6/28/2007
Isophorone	ND	5.5		mg/Kg-dry	1	6/28/2007
2-Methylnaphthalene	ND	5.5		mg/Kg-dry	1	6/28/2007
2-Methylphenol	6.2	5.5		mg/Kg-dry	1	6/28/2007
4-Methylphenol	ND	5.5		mg/Kg-dry	1	6/28/2007
2-Nitroaniline	ND	25		mg/Kg-dry	1	6/28/2007
3-Nitroaniline	ND	25		mg/Kg-dry	1	6/28/2007
4-Nitroaniline	ND	25		mg/Kg-dry	1	6/28/2007

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Client Sample ID: S-6
Collection Date: 6/25/2007 2:36:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3550B)**			Prep Date: **6/27/2007**		Analyst: **JT**
2-Nitrophenol	ND	5.5		mg/Kg-dry	1	6/28/2007
4-Nitrophenol	ND	25		mg/Kg-dry	1	6/28/2007
Nitrobenzene	ND	5.5		mg/Kg-dry	1	6/28/2007
N-Nitrosodi-n-propylamine	ND	5.5		mg/Kg-dry	1	6/28/2007
N-Nitrosodimethylamine	ND	5.5		mg/Kg-dry	1	6/28/2007
N-Nitrosodiphenylamine	ND	5.5		mg/Kg-dry	1	6/28/2007
2, 2'-oxybis(1-Chloropropane)	ND	5.5		mg/Kg-dry	1	6/28/2007
Pentachlorophenol	ND	25		mg/Kg-dry	1	6/28/2007
Phenol	ND	5.5		mg/Kg-dry	1	6/28/2007
Pyridine	ND	5.5		mg/Kg-dry	1	6/28/2007
1,2,4-Trichlorobenzene	ND	5.5		mg/Kg-dry	1	6/28/2007
2,4,5-Trichlorophenol	ND	10		mg/Kg-dry	1	6/28/2007
2,4,6-Trichlorophenol	ND	5.5		mg/Kg-dry	1	6/28/2007
TCLP Semivolatile Organic Compounds	**SW1311/8270C (SW3510C)**			Prep Date: **6/28/2007**		Analyst: **JT**
1,4-Dichlorobenzene	ND	0.01		mg/L	1	6/29/2007
2,4-Dinitrotoluene	ND	0.01		mg/L	1	6/29/2007
Hexachlorobenzene	ND	0.01		mg/L	1	6/29/2007
Hexachlorobutadiene	ND	0.01		mg/L	1	6/29/2007
Hexachloroethane	ND	0.01		mg/L	1	6/29/2007
Nitrobenzene	ND	0.01		mg/L	1	6/29/2007
2-methylphenol	0.019	0.01		mg/L	1	6/29/2007
3- & 4-Methylphenol	ND	0.01		mg/L	1	6/29/2007
Pentachlorophenol	ND	0.05		mg/L	1	6/29/2007
Pyridine	ND	0.01		mg/L	1	6/29/2007
2,4,5-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007
2,4,6-Trichlorophenol	ND	0.01		mg/L	1	6/29/2007
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Acetone	ND	25		mg/Kg-dry	50	6/30/2007
Benzene	20	2.5		mg/Kg-dry	50	6/30/2007
Bromodichloromethane	ND	2.5		mg/Kg-dry	50	6/30/2007
Bromoform	ND	2.5		mg/Kg-dry	50	6/30/2007
Bromomethane	ND	5.2		mg/Kg-dry	50	6/30/2007
2-Butanone	ND	5.2		mg/Kg-dry	50	6/30/2007
Carbon disulfide	ND	2.5		mg/Kg-dry	50	6/30/2007
Carbon tetrachloride	ND	2.5		mg/Kg-dry	50	6/30/2007
Chlorobenzene	ND	2.5		mg/Kg-dry	50	6/30/2007
Chloroethane	ND	5.2		mg/Kg-dry	50	6/30/2007

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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW5035/8260B**			Prep Date: **6/26/2007**		Analyst: **PS**
Chloroform	ND	2.5		mg/Kg-dry	50	6/30/2007
Chloromethane	ND	5.2		mg/Kg-dry	50	6/30/2007
Dibromochloromethane	ND	2.5		mg/Kg-dry	50	6/30/2007
1,1-Dichloroethane	ND	2.5		mg/Kg-dry	50	6/30/2007
1,2-Dichloroethane	ND	2.5		mg/Kg-dry	50	6/30/2007
1,1-Dichloroethene	ND	2.5		mg/Kg-dry	50	6/30/2007
cis-1,2-Dichloroethene	ND	2.5		mg/Kg-dry	50	6/30/2007
trans-1,2-Dichloroethene	ND	2.5		mg/Kg-dry	50	6/30/2007
1,2-Dichloropropane	ND	2.5		mg/Kg-dry	50	6/30/2007
cis-1,3-Dichloropropene	ND	1		mg/Kg-dry	50	6/30/2007
trans-1,3-Dichloropropene	ND	1		mg/Kg-dry	50	6/30/2007
Ethylbenzene	17	2.5		mg/Kg-dry	50	6/30/2007
2-Hexanone	ND	5.2		mg/Kg-dry	50	6/30/2007
4-Methyl-2-pentanone	140	5.2		mg/Kg-dry	50	6/30/2007
Methylene chloride	ND	5.2		mg/Kg-dry	50	6/30/2007
Methyl tert-butyl ether	ND	2.5		mg/Kg-dry	50	6/30/2007
Styrene	ND	2.5		mg/Kg-dry	50	6/30/2007
1,1,2,2-Tetrachloroethane	ND	2.5		mg/Kg-dry	50	6/30/2007
Tetrachloroethene	ND	2.5		mg/Kg-dry	50	6/30/2007
Toluene	62	2.5		mg/Kg-dry	50	6/30/2007
1,1,1-Trichloroethane	ND	2.5		mg/Kg-dry	50	6/30/2007
1,1,2-Trichloroethane	ND	2.5		mg/Kg-dry	50	6/30/2007
Trichloroethene	ND	2.5		mg/Kg-dry	50	6/30/2007
Vinyl chloride	ND	2.5		mg/Kg-dry	50	6/30/2007
Xylenes, Total	85	7.7		mg/Kg-dry	50	6/30/2007
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/27/2007**		Analyst: **PS**
Benzene	0.12	0.05		mg/L	10	6/30/2007
2-Butanone	ND	0.1		mg/L	10	6/30/2007
Carbon tetrachloride	ND	0.05		mg/L	10	6/30/2007
Chlorobenzene	ND	0.05		mg/L	10	6/30/2007
Chloroform	ND	0.05		mg/L	10	6/30/2007
1,2-Dichloroethane	ND	0.05		mg/L	10	6/30/2007
1,1-Dichloroethene	ND	0.05		mg/L	10	6/30/2007
Tetrachloroethene	ND	0.05		mg/L	10	6/30/2007
Trichloroethene	ND	0.05		mg/L	10	6/30/2007
Vinyl chloride	ND	0.05		mg/L	10	6/30/2007
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-006

Client Sample ID: S-6
Collection Date: 6/25/2007 2:36:00 PM
Matrix: Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
pH (25 °C)	**SW9045C**			Prep Date: **6/28/2007**		Analyst: **AR**
pH	7.5			pH Units	1	6/28/2007
Percent Moisture	**D2974**			Prep Date: **7/12/2007**		Analyst: **CM**
Percent Moisture	69.0	0.01	*	wt%	1	7/13/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-007

Client Sample ID: W-1
Collection Date: 6/25/2007 3:00:00 PM
Matrix: Oil/Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs in Oil	**SW8082 (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	0.98		mg/Kg	10	7/3/2007
Aroclor 1221	ND	0.98		mg/Kg	10	7/3/2007
Aroclor 1232	ND	0.98		mg/Kg	10	7/3/2007
Aroclor 1242	240	0.98		mg/Kg	10	7/3/2007
Aroclor 1248	ND	0.98		mg/Kg	10	7/3/2007
Aroclor 1254	380	0.98		mg/Kg	10	7/3/2007
Aroclor 1260	190	0.98		mg/Kg	10	7/3/2007
Pesticides in Oil	**SW8081 (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **DCW**
4,4'-DDD	ND	4.9		mg/Kg	100	7/5/2007
4,4'-DDE	ND	4.9		mg/Kg	100	7/5/2007
4,4'-DDT	ND	4.9		mg/Kg	100	7/5/2007
Aldrin	ND	4.9		mg/Kg	100	7/5/2007
alpha-BHC	ND	4.9		mg/Kg	100	7/5/2007
alpha-Chlordane	4.9	4.9		mg/Kg	100	7/5/2007
beta-BHC	ND	4.9		mg/Kg	100	7/5/2007
Chlordane	49	49		mg/Kg	100	7/6/2007
delta-BHC	ND	4.9		mg/Kg	100	7/5/2007
Dieldrin	ND	4.9		mg/Kg	100	7/5/2007
Endosulfan I	ND	4.9		mg/Kg	100	7/5/2007
Endosulfan II	ND	4.9		mg/Kg	100	7/5/2007
Endosulfan sulfate	ND	4.9		mg/Kg	100	7/5/2007
Endrin	ND	4.9		mg/Kg	100	7/5/2007
Endrin aldehyde	ND	4.9		mg/Kg	100	7/5/2007
Endrin ketone	ND	4.9		mg/Kg	100	7/5/2007
gamma-BHC	ND	4.9		mg/Kg	100	7/5/2007
gamma-Chlordane	5.9	4.9		mg/Kg	100	7/5/2007
Heptachlor	ND	4.9		mg/Kg	100	7/5/2007
Heptachlor epoxide	ND	4.9		mg/Kg	100	7/5/2007
Methoxychlor	ND	4.9		mg/Kg	100	7/5/2007
Toxaphene	ND	9.8		mg/Kg	100	7/5/2007
Mercury	**SW7471A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	0.088	0.025		mg/Kg	1	6/28/2007
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	2.2	2		mg/Kg	10	7/2/2007
Barium	6.2	2		mg/Kg	10	7/2/2007
Cadmium	ND	0.99		mg/Kg	10	7/2/2007
Chromium	130	2		mg/Kg	10	7/2/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-007

Client Sample ID: W-1
Collection Date: 6/25/2007 3:00:00 PM
Matrix: Oil/Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3050B)**			Prep Date: **6/28/2007**		Analyst: **JG**
Lead	34	0.99		mg/Kg	10	7/2/2007
Selenium	ND	2		mg/Kg	10	7/2/2007
Silver	ND	2		mg/Kg	10	7/2/2007
Polynuclear Aromatic Hydrocarbons in Oil	**SW8270C-SIM (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	8.9	0.95		mg/Kg	1	7/3/2007
Acenaphthylene	10	0.95		mg/Kg	1	7/3/2007
Anthracene	61	0.95		mg/Kg	1	7/3/2007
Benz(a)anthracene	52	0.95		mg/Kg	1	7/3/2007
Benzo(a)pyrene	11	0.95		mg/Kg	1	7/3/2007
Benzo(b)fluoranthene	16	0.95		mg/Kg	1	7/3/2007
Benzo(g,h,i)perylene	9.2	0.95		mg/Kg	1	7/3/2007
Benzo(k)fluoranthene	13	0.95		mg/Kg	1	7/3/2007
Chrysene	56	0.95		mg/Kg	1	7/3/2007
Dibenz(a,h)anthracene	2.3	0.95		mg/Kg	1	7/3/2007
Fluoranthene	140	9.5		mg/Kg	10	7/3/2007
Fluorene	68	0.95		mg/Kg	1	7/3/2007
Indeno(1,2,3-cd)pyrene	9	0.95		mg/Kg	1	7/3/2007
Naphthalene	2800	95		mg/Kg	100	7/3/2007
Phenanthrene	270	9.5		mg/Kg	10	7/3/2007
Pyrene	120	9.5		mg/Kg	10	7/3/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3580A)**			Prep Date: **6/27/2007**		Analyst: **JT**
Bis(2-ethylhexyl)phthalate	2800	480		mg/Kg	10	6/30/2007
Aniline	ND	4.8		mg/Kg	1	6/28/2007
Benzidine	ND	4.8		mg/Kg	1	6/28/2007
Benzoic acid	ND	9.5		mg/Kg	1	6/28/2007
Benzyl alcohol	ND	4.8		mg/Kg	1	6/28/2007
Bis(2-chloroethoxy)methane	ND	4.8		mg/Kg	1	6/28/2007
Bis(2-chloroethyl)ether	ND	4.8		mg/Kg	1	6/28/2007
4-Bromophenyl phenyl ether	ND	4.8		mg/Kg	1	6/28/2007
Butyl benzyl phthalate	ND	4.8		mg/Kg	1	6/28/2007
Carbazole	ND	4.8		mg/Kg	1	6/28/2007
4-Chloroaniline	ND	4.8		mg/Kg	1	6/28/2007
4-Chloro-3-methylphenol	ND	4.8		mg/Kg	1	6/28/2007
2-Chloronaphthalene	ND	4.8		mg/Kg	1	6/28/2007
2-Chlorophenol	ND	4.8		mg/Kg	1	6/28/2007
4-Chlorophenyl phenyl ether	ND	4.8		mg/Kg	1	6/28/2007
Dibenzofuran	32	4.8		mg/Kg	1	6/28/2007

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Date Reported: July 17, 2007
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Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-007

Client Sample ID: W-1
Collection Date: 6/25/2007 3:00:00 PM
Matrix: Oil/Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3580A)**			Prep Date: **6/27/2007**		Analyst: JT
1,2-Dichlorobenzene	ND	4.8		mg/Kg	1	6/28/2007
1,3-Dichlorobenzene	ND	4.8		mg/Kg	1	6/28/2007
1,4-Dichlorobenzene	ND	4.8		mg/Kg	1	6/28/2007
3,3'-Dichlorobenzidine	ND	4.8		mg/Kg	1	6/28/2007
2,4-Dichlorophenol	ND	4.8		mg/Kg	1	6/28/2007
Diethyl phthalate	7.6	4.8		mg/Kg	1	6/28/2007
2,4-Dimethylphenol	160	4.8		mg/Kg	1	6/28/2007
Dimethyl phthalate	ND	4.8		mg/Kg	1	6/28/2007
4,6-Dinitro-2-methylphenol	ND	9.5		mg/Kg	1	6/28/2007
2,4-Dinitrophenol	ND	9.5		mg/Kg	1	6/28/2007
2,4-Dinitrotoluene	ND	4.8		mg/Kg	1	6/28/2007
2,6-Dinitrotoluene	ND	4.8		mg/Kg	1	6/28/2007
Di-n-butyl phthalate	430	4.8		mg/Kg	1	6/28/2007
Di-n-octyl phthalate	ND	4.8		mg/Kg	1	6/28/2007
Hexachlorobenzene	ND	4.8		mg/Kg	1	6/28/2007
Hexachlorobutadiene	ND	4.8		mg/Kg	1	6/28/2007
Hexachlorocyclopentadiene	ND	4.8		mg/Kg	1	6/28/2007
Hexachloroethane	ND	4.8		mg/Kg	1	6/28/2007
Isophorone	ND	4.8		mg/Kg	1	6/28/2007
2-Methylnaphthalene	1100	4.8		mg/Kg	1	6/28/2007
2-Methylphenol	ND	4.8		mg/Kg	1	6/28/2007
4-Methylphenol	ND	4.8		mg/Kg	1	6/28/2007
2-Nitroaniline	ND	9.5		mg/Kg	1	6/28/2007
3-Nitroaniline	ND	9.5		mg/Kg	1	6/28/2007
4-Nitroaniline	ND	9.5		mg/Kg	1	6/28/2007
2-Nitrophenol	ND	4.8		mg/Kg	1	6/28/2007
4-Nitrophenol	ND	9.5		mg/Kg	1	6/28/2007
Nitrobenzene	ND	4.8		mg/Kg	1	6/28/2007
N-Nitrosodi-n-propylamine	ND	4.8		mg/Kg	1	6/28/2007
N-Nitrosodimethylamine	ND	4.8		mg/Kg	1	6/28/2007
N-Nitrosodiphenylamine	ND	4.8		mg/Kg	1	6/28/2007
2, 2'-oxybis(1-Chloropropane)	ND	4.8		mg/Kg	1	6/28/2007
Pentachlorophenol	ND	9.5		mg/Kg	1	6/28/2007
Phenol	ND	4.8		mg/Kg	1	6/28/2007
Pyridine	ND	4.8		mg/Kg	1	6/28/2007
1,2,4-Trichlorobenzene	ND	4.8		mg/Kg	1	6/28/2007
2,4,5-Trichlorophenol	ND	4.8		mg/Kg	1	6/28/2007
2,4,6-Trichlorophenol	ND	4.8		mg/Kg	1	6/28/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-007

Client Sample ID: W-1
Collection Date: 6/25/2007 3:00:00 PM
Matrix: Oil/Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B**			Prep Date: **6/29/2007**		Analyst: **PS**
Acetone	ND	2500		mg/Kg	10000	6/30/2007
Benzene	780	250		mg/Kg	10000	6/30/2007
Bromodichloromethane	ND	250		mg/Kg	10000	6/30/2007
Bromoform	ND	250		mg/Kg	10000	6/30/2007
Bromomethane	ND	500		mg/Kg	10000	6/30/2007
2-Butanone	ND	500		mg/Kg	10000	6/30/2007
Carbon disulfide	ND	250		mg/Kg	10000	6/30/2007
Carbon tetrachloride	ND	250		mg/Kg	10000	6/30/2007
Chlorobenzene	ND	250		mg/Kg	10000	6/30/2007
Chloroethane	ND	500		mg/Kg	10000	6/30/2007
Chloroform	ND	250		mg/Kg	10000	6/30/2007
Chloromethane	ND	500		mg/Kg	10000	6/30/2007
Dibromochloromethane	ND	250		mg/Kg	10000	6/30/2007
1,1-Dichloroethane	ND	250		mg/Kg	10000	6/30/2007
1,2-Dichloroethane	ND	250		mg/Kg	10000	6/30/2007
1,1-Dichloroethene	ND	250		mg/Kg	10000	6/30/2007
cis-1,2-Dichloroethene	ND	250		mg/Kg	10000	6/30/2007
trans-1,2-Dichloroethene	ND	250		mg/Kg	10000	6/30/2007
1,2-Dichloropropane	ND	250		mg/Kg	10000	6/30/2007
cis-1,3-Dichloropropene	ND	100		mg/Kg	10000	6/30/2007
trans-1,3-Dichloropropene	ND	100		mg/Kg	10000	6/30/2007
Ethylbenzene	14000	250		mg/Kg	10000	6/30/2007
2-Hexanone	ND	500		mg/Kg	10000	6/30/2007
4-Methyl-2-pentanone	1800	500		mg/Kg	10000	6/30/2007
Methylene chloride	ND	500		mg/Kg	10000	6/30/2007
Methyl tert-butyl ether	ND	250		mg/Kg	10000	6/30/2007
Styrene	ND	250		mg/Kg	10000	6/30/2007
1,1,2,2-Tetrachloroethane	ND	250		mg/Kg	10000	6/30/2007
Tetrachloroethene	ND	250		mg/Kg	10000	6/30/2007
Toluene	26000	1200		mg/Kg	50000	7/1/2007
1,1,1-Trichloroethane	ND	250		mg/Kg	10000	6/30/2007
1,1,2-Trichloroethane	ND	250		mg/Kg	10000	6/30/2007
Trichloroethene	ND	250		mg/Kg	10000	6/30/2007
Vinyl chloride	ND	250		mg/Kg	10000	6/30/2007
Xylenes, Total	84000	3700		mg/Kg	50000	7/1/2007
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/28/2007**		Analyst: **PS**
Benzene	2.2	0.5		mg/L	100	7/1/2007
2-Butanone	220	10		mg/L	1000	7/1/2007

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Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-007

Client Sample ID: W-1
Collection Date: 6/25/2007 3:00:00 PM
Matrix: Oil/Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/28/2007**		Analyst: **PS**
Carbon tetrachloride	ND	0.5		mg/L	100	7/1/2007
Chlorobenzene	ND	0.5		mg/L	100	7/1/2007
Chloroform	ND	0.5		mg/L	100	7/1/2007
1,2-Dichloroethane	ND	0.5		mg/L	100	7/1/2007
1,1-Dichloroethene	ND	0.5		mg/L	100	7/1/2007
Tetrachloroethene	ND	0.5		mg/L	100	7/1/2007
Trichloroethene	ND	0.5		mg/L	100	7/1/2007
Vinyl chloride	0.65	0.5		mg/L	100	7/1/2007
pH	**E150.1**			Prep Date: **6/26/2007**		Analyst: **RW**
pH	6.8		*	pH units	1	6/26/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-008

Client Sample ID: W-2
Collection Date: 6/25/2007 3:59:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	0.005		mg/L	1	6/27/2007
Aroclor 1221	ND	0.005		mg/L	1	6/27/2007
Aroclor 1232	ND	0.005		mg/L	1	6/27/2007
Aroclor 1242	ND	0.005		mg/L	1	6/27/2007
Aroclor 1248	ND	0.005		mg/L	1	6/27/2007
Aroclor 1254	ND	0.005		mg/L	1	6/27/2007
Aroclor 1260	ND	0.005		mg/L	1	6/27/2007
Pesticides	**SW8081 (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **DCW**
4,4'-DDD	ND	0.001		mg/L	1	6/27/2007
4,4'-DDE	ND	0.001		mg/L	1	6/27/2007
4,4'-DDT	ND	0.001		mg/L	1	6/27/2007
Aldrin	ND	0.0005		mg/L	1	6/27/2007
alpha-BHC	ND	0.0005		mg/L	1	6/27/2007
alpha-Chlordane	ND	0.0005		mg/L	1	6/27/2007
beta-BHC	ND	0.0005		mg/L	1	6/27/2007
Chlordane	ND	0.005		mg/L	1	6/27/2007
delta-BHC	ND	0.0005		mg/L	1	6/27/2007
Dieldrin	ND	0.001		mg/L	1	6/27/2007
Endosulfan I	ND	0.0005		mg/L	1	6/27/2007
Endosulfan II	ND	0.001		mg/L	1	6/27/2007
Endosulfan sulfate	ND	0.001		mg/L	1	6/27/2007
Endrin	ND	0.001		mg/L	1	6/27/2007
Endrin aldehyde	ND	0.001		mg/L	1	6/27/2007
Endrin ketone	ND	0.001		mg/L	1	6/27/2007
gamma-BHC	ND	0.0005		mg/L	1	6/27/2007
gamma-Chlordane	ND	0.0005		mg/L	1	6/27/2007
Heptachlor	ND	0.0005		mg/L	1	6/27/2007
Heptachlor epoxide	ND	0.0005		mg/L	1	6/27/2007
Methoxychlor	ND	0.0005		mg/L	1	6/27/2007
Toxaphene	ND	0.01		mg/L	1	6/27/2007
Mercury	**SW7470A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	ND	0.0005		mg/L	1	6/27/2007
Metals by ICP/MS	**SW6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	0.012	0.004		mg/L	2	6/28/2007
Barium	0.065	0.004		mg/L	2	6/28/2007
Cadmium	ND	0.002		mg/L	2	6/28/2007
Chromium	0.026	0.004		mg/L	2	6/28/2007

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Lab ID: 07060789-008

Client Sample ID: W-2
Collection Date: 6/25/2007 3:59:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3005A)**		Prep Date: **6/28/2007**		Analyst: **JG**
Lead	0.011	0.002		mg/L	2	6/28/2007
Selenium	0.026	0.004		mg/L	2	6/28/2007
Silver	ND	0.004		mg/L	2	6/28/2007
Semivolatile Organic Compounds by GC/MS		**SW8270C-SIM (SW3510C)**		Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	0.0021	0.001		mg/L	1	7/3/2007
Acenaphthylene	ND	0.001		mg/L	1	7/3/2007
Anthracene	ND	0.001		mg/L	1	7/3/2007
Benz(a)anthracene	ND	0.00065		mg/L	1	7/3/2007
Benzo(a)pyrene	ND	0.001		mg/L	1	7/3/2007
Benzo(b)fluoranthene	ND	0.0009		mg/L	1	7/3/2007
Benzo(g,h,i)perylene	ND	0.0005		mg/L	1	7/3/2007
Benzo(k)fluoranthene	ND	0.00085		mg/L	1	7/3/2007
Chrysene	0.0014	0.0005		mg/L	1	7/3/2007
Dibenz(a,h)anthracene	ND	0.0005		mg/L	1	7/3/2007
Fluoranthene	ND	0.001		mg/L	1	7/3/2007
Fluorene	ND	0.001		mg/L	1	7/3/2007
Indeno(1,2,3-cd)pyrene	ND	0.0005		mg/L	1	7/3/2007
Naphthalene	0.013	0.001		mg/L	1	7/3/2007
Phenanthrene	0.0024	0.001		mg/L	1	7/3/2007
Pyrene	ND	0.001		mg/L	1	7/3/2007
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3510C)**		Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	0.025		mg/L	1	6/27/2007
Benzidine	ND	0.025		mg/L	1	6/27/2007
Benzoic acid	ND	0.12		mg/L	1	6/27/2007
Benzyl alcohol	ND	0.025		mg/L	1	6/27/2007
Bis(2-chloroethoxy)methane	ND	0.025		mg/L	1	6/27/2007
Bis(2-chloroethyl)ether	ND	0.025		mg/L	1	6/27/2007
Bis(2-ethylhexyl)phthalate	ND	0.025		mg/L	1	6/27/2007
4-Bromophenyl phenyl ether	ND	0.025		mg/L	1	6/27/2007
Butyl benzyl phthalate	ND	0.025		mg/L	1	6/27/2007
Carbazole	ND	0.025		mg/L	1	6/27/2007
4-Chloroaniline	ND	0.025		mg/L	1	6/27/2007
4-Chloro-3-methylphenol	ND	0.025		mg/L	1	6/27/2007
2-Chloronaphthalene	ND	0.025		mg/L	1	6/27/2007
2-Chlorophenol	ND	0.025		mg/L	1	6/27/2007
4-Chlorophenyl phenyl ether	ND	0.025		mg/L	1	6/27/2007
Dibenzofuran	ND	0.025		mg/L	1	6/27/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-008

Client Sample ID: W-2
Collection Date: 6/25/2007 3:59:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3510C)**			Prep Date: **6/27/2007**		Analyst: JT
1,2-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
1,3-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
1,4-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
3,3'-Dichlorobenzidine	ND	0.05		mg/L	1	6/27/2007
2,4-Dichlorophenol	ND	0.025		mg/L	1	6/27/2007
Diethyl phthalate	ND	0.025		mg/L	1	6/27/2007
2,4-Dimethylphenol	ND	0.025		mg/L	1	6/27/2007
Dimethyl phthalate	ND	0.025		mg/L	1	6/27/2007
4,6-Dinitro-2-methylphenol	ND	0.12		mg/L	1	6/27/2007
2,4-Dinitrophenol	ND	0.12		mg/L	1	6/27/2007
2,4-Dinitrotoluene	ND	0.025		mg/L	1	6/27/2007
2,6-Dinitrotoluene	ND	0.025		mg/L	1	6/27/2007
Di-n-butyl phthalate	ND	0.025		mg/L	1	6/27/2007
Di-n-octyl phthalate	ND	0.025		mg/L	1	6/27/2007
Hexachlorobenzene	ND	0.025		mg/L	1	6/27/2007
Hexachlorobutadiene	ND	0.025		mg/L	1	6/27/2007
Hexachlorocyclopentadiene	ND	0.025		mg/L	1	6/27/2007
Hexachloroethane	ND	0.025		mg/L	1	6/27/2007
Isophorone	ND	0.025		mg/L	1	6/27/2007
2-Methylnaphthalene	ND	0.025		mg/L	1	6/27/2007
2-Methylphenol	ND	0.025		mg/L	1	6/27/2007
4-Methylphenol	ND	0.025		mg/L	1	6/27/2007
2-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
3-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
4-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
2-Nitrophenol	ND	0.025		mg/L	1	6/27/2007
4-Nitrophenol	ND	0.12		mg/L	1	6/27/2007
Nitrobenzene	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodi-n-propylamine	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodimethylamine	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodiphenylamine	ND	0.025		mg/L	1	6/27/2007
2, 2'-oxybis(1-Chloropropane)	ND	0.025		mg/L	1	6/27/2007
Pentachlorophenol	ND	0.12		mg/L	1	6/27/2007
Phenol	ND	0.025		mg/L	1	6/27/2007
Pyridine	ND	0.025		mg/L	1	6/27/2007
1,2,4-Trichlorobenzene	ND	0.025		mg/L	1	6/27/2007
2,4,5-Trichlorophenol	ND	0.05		mg/L	1	6/27/2007
2,4,6-Trichlorophenol	ND	0.025		mg/L	1	6/27/2007

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Lab ID: 07060789-008

Client Sample ID: W-2
Collection Date: 6/25/2007 3:59:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/28/2007**		Analyst: **PS**
Benzene	ND	0.05		mg/L	10	7/2/2007
2-Butanone	ND	0.1		mg/L	10	7/2/2007
Carbon tetrachloride	ND	0.05		mg/L	10	7/2/2007
Chlorobenzene	ND	0.05		mg/L	10	7/2/2007
Chloroform	ND	0.05		mg/L	10	7/2/2007
1,2-Dichloroethane	ND	0.05		mg/L	10	7/2/2007
1,1-Dichloroethene	ND	0.05		mg/L	10	7/2/2007
Tetrachloroethene	ND	0.05		mg/L	10	7/2/2007
Trichloroethene	ND	0.05		mg/L	10	7/2/2007
Vinyl chloride	ND	0.05		mg/L	10	7/2/2007
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Acetone	0.19	0.01		mg/L	1	7/2/2007
Benzene	0.019	0.005		mg/L	1	7/2/2007
Bromodichloromethane	ND	0.005		mg/L	1	7/2/2007
Bromoform	ND	0.005		mg/L	1	7/2/2007
Bromomethane	ND	0.01		mg/L	1	7/2/2007
2-Butanone	0.073	0.01		mg/L	1	7/2/2007
Carbon disulfide	ND	0.005		mg/L	1	7/2/2007
Carbon tetrachloride	ND	0.005		mg/L	1	7/2/2007
Chlorobenzene	ND	0.005		mg/L	1	7/2/2007
Chloroethane	ND	0.01		mg/L	1	7/2/2007
Chloroform	ND	0.005		mg/L	1	7/2/2007
Chloromethane	ND	0.01		mg/L	1	7/2/2007
Dibromochloromethane	ND	0.005		mg/L	1	7/2/2007
1,1-Dichloroethane	ND	0.005		mg/L	1	7/2/2007
1,2-Dichloroethane	ND	0.005		mg/L	1	7/2/2007
1,1-Dichloroethene	ND	0.005		mg/L	1	7/2/2007
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	7/2/2007
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	7/2/2007
1,2-Dichloropropane	ND	0.005		mg/L	1	7/2/2007
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	7/2/2007
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	7/2/2007
Ethylbenzene	0.023	0.005		mg/L	1	7/2/2007
2-Hexanone	ND	0.01		mg/L	1	7/2/2007
4-Methyl-2-pentanone	0.13	0.01		mg/L	1	7/2/2007
Methylene chloride	ND	0.005		mg/L	1	7/2/2007
Methyl tert-butyl ether	ND	0.005		mg/L	1	7/2/2007
Styrene	ND	0.005		mg/L	1	7/2/2007

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Client Sample ID: W-2
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Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	7/2/2007
Tetrachloroethene	ND	0.005		mg/L	1	7/2/2007
Toluene	0.076	0.005		mg/L	1	7/2/2007
1,1,1-Trichloroethane	ND	0.005		mg/L	1	7/2/2007
1,1,2-Trichloroethane	ND	0.005		mg/L	1	7/2/2007
Trichloroethene	ND	0.005		mg/L	1	7/2/2007
Vinyl chloride	ND	0.002		mg/L	1	7/2/2007
Xylenes, Total	0.16	0.015		mg/L	1	7/2/2007
pH	**E150.1**			Prep Date:	**6/26/2007**	Analyst: **RW**
pH	7.8		*	pH units	1	6/26/2007

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Client Sample ID: W-3
Collection Date: 6/25/2007 4:51:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	0.005		mg/L	1	6/27/2007
Aroclor 1221	ND	0.005		mg/L	1	6/27/2007
Aroclor 1232	ND	0.005		mg/L	1	6/27/2007
Aroclor 1242	ND	0.005		mg/L	1	6/27/2007
Aroclor 1248	ND	0.005		mg/L	1	6/27/2007
Aroclor 1254	ND	0.005		mg/L	1	6/27/2007
Aroclor 1260	ND	0.005		mg/L	1	6/27/2007
Pesticides	**SW8081 (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **DCW**
4,4'-DDD	ND	0.001		mg/L	1	6/27/2007
4,4'-DDE	ND	0.001		mg/L	1	6/27/2007
4,4'-DDT	ND	0.001		mg/L	1	6/27/2007
Aldrin	ND	0.0005		mg/L	1	6/27/2007
alpha-BHC	ND	0.0005		mg/L	1	6/27/2007
alpha-Chlordane	ND	0.0005		mg/L	1	6/27/2007
beta-BHC	ND	0.0005		mg/L	1	6/27/2007
Chlordane	ND	0.005		mg/L	1	6/27/2007
delta-BHC	ND	0.0005		mg/L	1	6/27/2007
Dieldrin	ND	0.001		mg/L	1	6/27/2007
Endosulfan I	ND	0.0005		mg/L	1	6/27/2007
Endosulfan II	ND	0.001		mg/L	1	6/27/2007
Endosulfan sulfate	ND	0.001		mg/L	1	6/27/2007
Endrin	ND	0.001		mg/L	1	6/27/2007
Endrin aldehyde	ND	0.001		mg/L	1	6/27/2007
Endrin ketone	ND	0.001		mg/L	1	6/27/2007
gamma-BHC	ND	0.0005		mg/L	1	6/27/2007
gamma-Chlordane	ND	0.0005		mg/L	1	6/27/2007
Heptachlor	ND	0.0005		mg/L	1	6/27/2007
Heptachlor epoxide	ND	0.0005		mg/L	1	6/27/2007
Methoxychlor	ND	0.0005		mg/L	1	6/27/2007
Toxaphene	ND	0.01		mg/L	1	6/27/2007
Mercury	**SW7470A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	ND	0.0005		mg/L	1	6/27/2007
Metals by ICP/MS	**SW6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	0.01	0.004		mg/L	2	6/28/2007
Barium	0.16	0.004		mg/L	2	6/28/2007
Cadmium	ND	0.002		mg/L	2	6/28/2007
Chromium	0.04	0.004		mg/L	2	6/28/2007

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Client Sample ID: W-3
Collection Date: 6/25/2007 4:51:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3005A)**		Prep Date: **6/28/2007**		Analyst: **JG**
Lead	0.096	0.002		mg/L	2	6/28/2007
Selenium	0.0097	0.004		mg/L	2	6/28/2007
Silver	ND	0.004		mg/L	2	6/28/2007
Semivolatile Organic Compounds by GC/MS		**SW8270C-SIM (SW3510C)**		Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	ND	0.001		mg/L	1	7/3/2007
Acenaphthylene	ND	0.001		mg/L	1	7/3/2007
Anthracene	ND	0.001		mg/L	1	7/3/2007
Benz(a)anthracene	ND	0.00065		mg/L	1	7/3/2007
Benzo(a)pyrene	ND	0.001		mg/L	1	7/3/2007
Benzo(b)fluoranthene	ND	0.0009		mg/L	1	7/3/2007
Benzo(g,h,i)perylene	ND	0.0005		mg/L	1	7/3/2007
Benzo(k)fluoranthene	ND	0.00085		mg/L	1	7/3/2007
Chrysene	0.0012	0.0005		mg/L	1	7/3/2007
Dibenz(a,h)anthracene	ND	0.0005		mg/L	1	7/3/2007
Fluoranthene	ND	0.001		mg/L	1	7/3/2007
Fluorene	ND	0.001		mg/L	1	7/3/2007
Indeno(1,2,3-cd)pyrene	ND	0.0005		mg/L	1	7/3/2007
Naphthalene	0.0034	0.001		mg/L	1	7/3/2007
Phenanthrene	0.0016	0.001		mg/L	1	7/3/2007
Pyrene	ND	0.001		mg/L	1	7/3/2007
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3510C)**		Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	0.025		mg/L	1	6/27/2007
Benzidine	ND	0.025		mg/L	1	6/27/2007
Benzoic acid	ND	0.12		mg/L	1	6/27/2007
Benzyl alcohol	ND	0.025		mg/L	1	6/27/2007
Bis(2-chloroethoxy)methane	ND	0.025		mg/L	1	6/27/2007
Bis(2-chloroethyl)ether	ND	0.025		mg/L	1	6/27/2007
Bis(2-ethylhexyl)phthalate	0.036	0.025		mg/L	1	6/27/2007
4-Bromophenyl phenyl ether	ND	0.025		mg/L	1	6/27/2007
Butyl benzyl phthalate	ND	0.025		mg/L	1	6/27/2007
Carbazole	ND	0.025		mg/L	1	6/27/2007
4-Chloroaniline	ND	0.025		mg/L	1	6/27/2007
4-Chloro-3-methylphenol	ND	0.025		mg/L	1	6/27/2007
2-Chloronaphthalene	ND	0.025		mg/L	1	6/27/2007
2-Chlorophenol	ND	0.025		mg/L	1	6/27/2007
4-Chlorophenyl phenyl ether	ND	0.025		mg/L	1	6/27/2007
Dibenzofuran	ND	0.025		mg/L	1	6/27/2007

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Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **JT**
1,2-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
1,3-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
1,4-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
3,3'-Dichlorobenzidine	ND	0.05		mg/L	1	6/27/2007
2,4-Dichlorophenol	ND	0.025		mg/L	1	6/27/2007
Diethyl phthalate	ND	0.025		mg/L	1	6/27/2007
2,4-Dimethylphenol	ND	0.025		mg/L	1	6/27/2007
Dimethyl phthalate	ND	0.025		mg/L	1	6/27/2007
4,6-Dinitro-2-methylphenol	ND	0.12		mg/L	1	6/27/2007
2,4-Dinitrophenol	ND	0.12		mg/L	1	6/27/2007
2,4-Dinitrotoluene	ND	0.025		mg/L	1	6/27/2007
2,6-Dinitrotoluene	ND	0.025		mg/L	1	6/27/2007
Di-n-butyl phthalate	ND	0.025		mg/L	1	6/27/2007
Di-n-octyl phthalate	ND	0.025		mg/L	1	6/27/2007
Hexachlorobenzene	ND	0.025		mg/L	1	6/27/2007
Hexachlorobutadiene	ND	0.025		mg/L	1	6/27/2007
Hexachlorocyclopentadiene	ND	0.025		mg/L	1	6/27/2007
Hexachloroethane	ND	0.025		mg/L	1	6/27/2007
Isophorone	ND	0.025		mg/L	1	6/27/2007
2-Methylnaphthalene	ND	0.025		mg/L	1	6/27/2007
2-Methylphenol	ND	0.025		mg/L	1	6/27/2007
4-Methylphenol	0.21	0.025		mg/L	1	6/27/2007
2-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
3-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
4-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
2-Nitrophenol	ND	0.025		mg/L	1	6/27/2007
4-Nitrophenol	ND	0.12		mg/L	1	6/27/2007
Nitrobenzene	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodi-n-propylamine	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodimethylamine	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodiphenylamine	ND	0.025		mg/L	1	6/27/2007
2, 2'-oxybis(1-Chloropropane)	ND	0.025		mg/L	1	6/27/2007
Pentachlorophenol	ND	0.12		mg/L	1	6/27/2007
Phenol	ND	0.025		mg/L	1	6/27/2007
Pyridine	ND	0.025		mg/L	1	6/27/2007
1,2,4-Trichlorobenzene	ND	0.025		mg/L	1	6/27/2007
2,4,5-Trichlorophenol	ND	0.05		mg/L	1	6/27/2007
2,4,6-Trichlorophenol	ND	0.025		mg/L	1	6/27/2007

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Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-009

Client Sample ID: W-3
Collection Date: 6/25/2007 4:51:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/28/2007**		Analyst: **PS**
Benzene	ND	0.05		mg/L	10	7/2/2007
2-Butanone	ND	0.1		mg/L	10	7/2/2007
Carbon tetrachloride	ND	0.05		mg/L	10	7/2/2007
Chlorobenzene	ND	0.05		mg/L	10	7/2/2007
Chloroform	ND	0.05		mg/L	10	7/2/2007
1,2-Dichloroethane	ND	0.05		mg/L	10	7/2/2007
1,1-Dichloroethene	ND	0.05		mg/L	10	7/2/2007
Tetrachloroethene	ND	0.05		mg/L	10	7/2/2007
Trichloroethene	ND	0.05		mg/L	10	7/2/2007
Vinyl chloride	ND	0.05		mg/L	10	7/2/2007
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Acetone	ND	0.01		mg/L	1	7/2/2007
Benzene	ND	0.005		mg/L	1	7/2/2007
Bromodichloromethane	ND	0.005		mg/L	1	7/2/2007
Bromoform	ND	0.005		mg/L	1	7/2/2007
Bromomethane	ND	0.01		mg/L	1	7/2/2007
2-Butanone	ND	0.01		mg/L	1	7/2/2007
Carbon disulfide	ND	0.005		mg/L	1	7/2/2007
Carbon tetrachloride	ND	0.005		mg/L	1	7/2/2007
Chlorobenzene	ND	0.005		mg/L	1	7/2/2007
Chloroethane	ND	0.01		mg/L	1	7/2/2007
Chloroform	ND	0.005		mg/L	1	7/2/2007
Chloromethane	ND	0.01		mg/L	1	7/2/2007
Dibromochloromethane	ND	0.005		mg/L	1	7/2/2007
1,1-Dichloroethane	ND	0.005		mg/L	1	7/2/2007
1,2-Dichloroethane	ND	0.005		mg/L	1	7/2/2007
1,1-Dichloroethene	ND	0.005		mg/L	1	7/2/2007
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	7/2/2007
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	7/2/2007
1,2-Dichloropropane	ND	0.005		mg/L	1	7/2/2007
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	7/2/2007
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	7/2/2007
Ethylbenzene	ND	0.005		mg/L	1	7/2/2007
2-Hexanone	ND	0.01		mg/L	1	7/2/2007
4-Methyl-2-pentanone	ND	0.01		mg/L	1	7/2/2007
Methylene chloride	ND	0.005		mg/L	1	7/2/2007
Methyl tert-butyl ether	ND	0.005		mg/L	1	7/2/2007
Styrene	ND	0.005		mg/L	1	7/2/2007

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Lab ID: 07060789-009

Client Sample ID: W-3
Collection Date: 6/25/2007 4:51:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	7/2/2007
Tetrachloroethene	ND	0.005		mg/L	1	7/2/2007
Toluene	ND	0.005		mg/L	1	7/2/2007
1,1,1-Trichloroethane	ND	0.005		mg/L	1	7/2/2007
1,1,2-Trichloroethane	ND	0.005		mg/L	1	7/2/2007
Trichloroethene	ND	0.005		mg/L	1	7/2/2007
Vinyl chloride	ND	0.002		mg/L	1	7/2/2007
Xylenes, Total	ND	0.015		mg/L	1	7/2/2007
pH	**E150.1**			Prep Date: **6/26/2007**		Analyst: **RW**
pH	7.7		*	pH units	1	6/26/2007

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7/16/07

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Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-010

Client Sample ID: W-4
Collection Date: 6/26/2007 4:35:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
PCBs	**SW8082 (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **DCW**
Aroclor 1016	ND	0.005		mg/L	1	6/27/2007
Aroclor 1221	ND	0.005		mg/L	1	6/27/2007
Aroclor 1232	ND	0.005		mg/L	1	6/27/2007
Aroclor 1242	ND	0.005		mg/L	1	6/27/2007
Aroclor 1248	ND	0.005		mg/L	1	6/27/2007
Aroclor 1254	ND	0.005		mg/L	1	6/27/2007
Aroclor 1260	ND	0.005		mg/L	1	6/27/2007
Pesticides	**SW8081 (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **DCW**
4,4'-DDD	ND	0.001		mg/L	1	6/27/2007
4,4'-DDE	ND	0.001		mg/L	1	6/27/2007
4,4'-DDT	ND	0.001		mg/L	1	6/27/2007
Aldrin	ND	0.0005		mg/L	1	6/27/2007
alpha-BHC	ND	0.0005		mg/L	1	6/27/2007
alpha-Chlordane	ND	0.0005		mg/L	1	6/27/2007
beta-BHC	ND	0.0005		mg/L	1	6/27/2007
Chlordane	ND	0.005		mg/L	1	6/27/2007
delta-BHC	ND	0.0005		mg/L	1	6/27/2007
Dieldrin	ND	0.001		mg/L	1	6/27/2007
Endosulfan I	ND	0.0005		mg/L	1	6/27/2007
Endosulfan II	ND	0.001		mg/L	1	6/27/2007
Endosulfan sulfate	ND	0.001		mg/L	1	6/27/2007
Endrin	ND	0.001		mg/L	1	6/27/2007
Endrin aldehyde	ND	0.001		mg/L	1	6/27/2007
Endrin ketone	ND	0.001		mg/L	1	6/27/2007
gamma-BHC	ND	0.0005		mg/L	1	6/27/2007
gamma-Chlordane	ND	0.0005		mg/L	1	6/27/2007
Heptachlor	ND	0.0005		mg/L	1	6/27/2007
Heptachlor epoxide	ND	0.0005		mg/L	1	6/27/2007
Methoxychlor	ND	0.0005		mg/L	1	6/27/2007
Toxaphene	ND	0.01		mg/L	1	6/27/2007
Mercury	**SW7470A**			Prep Date: **6/27/2007**		Analyst: **JG**
Mercury	ND	0.00025		mg/L	1	6/27/2007
Metals by ICP/MS	**SW6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Arsenic	ND	0.004		mg/L	2	6/28/2007
Barium	0.18	0.004		mg/L	2	6/28/2007
Cadmium	ND	0.002		mg/L	2	6/28/2007
Chromium	ND	0.004		mg/L	2	6/28/2007

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Client Sample ID: W-4
Collection Date: 6/26/2007 4:35:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS	**SW6020 (SW3005A)**			Prep Date: **6/28/2007**		Analyst: **JG**
Lead	ND	0.002		mg/L	2	6/28/2007
Selenium	ND	0.004		mg/L	2	6/28/2007
Silver	ND	0.004		mg/L	2	6/28/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C-SIM (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **VS**
Acenaphthene	ND	0.001		mg/L	1	7/3/2007
Acenaphthylene	0.0024	0.001		mg/L	1	7/3/2007
Anthracene	ND	0.001		mg/L	1	7/3/2007
Benz(a)anthracene	ND	0.00065		mg/L	1	7/3/2007
Benzo(a)pyrene	ND	0.001		mg/L	1	7/3/2007
Benzo(b)fluoranthene	ND	0.0009		mg/L	1	7/3/2007
Benzo(g,h,i)perylene	ND	0.0005		mg/L	1	7/3/2007
Benzo(k)fluoranthene	ND	0.00085		mg/L	1	7/3/2007
Chrysene	ND	0.0005		mg/L	1	7/3/2007
Dibenz(a,h)anthracene	ND	0.0005		mg/L	1	7/3/2007
Fluoranthene	ND	0.001		mg/L	1	7/3/2007
Fluorene	ND	0.001		mg/L	1	7/3/2007
Indeno(1,2,3-cd)pyrene	ND	0.0005		mg/L	1	7/3/2007
Naphthalene	0.022	0.001		mg/L	1	7/3/2007
Phenanthrene	0.0013	0.001		mg/L	1	7/3/2007
Pyrene	ND	0.001		mg/L	1	7/3/2007
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **JT**
Aniline	ND	0.025		mg/L	1	6/27/2007
Benzidine	ND	0.025		mg/L	1	6/27/2007
Benzoic acid	0.31	0.25		mg/L	10	7/3/2007
Benzyl alcohol	ND	0.025		mg/L	1	6/27/2007
Bis(2-chloroethoxy)methane	ND	0.025		mg/L	1	6/27/2007
Bis(2-chloroethyl)ether	ND	0.025		mg/L	1	6/27/2007
Bis(2-ethylhexyl)phthalate	ND	0.025		mg/L	1	6/27/2007
4-Bromophenyl phenyl ether	ND	0.025		mg/L	1	6/27/2007
Butyl benzyl phthalate	ND	0.025		mg/L	1	6/27/2007
Carbazole	ND	0.025		mg/L	1	6/27/2007
4-Chloroaniline	ND	0.025		mg/L	1	6/27/2007
4-Chloro-3-methylphenol	ND	0.025		mg/L	1	6/27/2007
2-Chloronaphthalene	ND	0.025		mg/L	1	6/27/2007
2-Chlorophenol	ND	0.025		mg/L	1	6/27/2007
4-Chlorophenyl phenyl ether	ND	0.025		mg/L	1	6/27/2007
Dibenzofuran	ND	0.025		mg/L	1	6/27/2007

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Lab ID: 07060789-010

Client Sample ID: W-4
Collection Date: 6/26/2007 4:35:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS	**SW8270C (SW3510C)**			Prep Date: **6/27/2007**		Analyst: **JT**
1,2-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
1,3-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
1,4-Dichlorobenzene	ND	0.025		mg/L	1	6/27/2007
3,3'-Dichlorobenzidine	ND	0.05		mg/L	1	6/27/2007
2,4-Dichlorophenol	ND	0.025		mg/L	1	6/27/2007
Diethyl phthalate	ND	0.025		mg/L	1	6/27/2007
2,4-Dimethylphenol	ND	0.025		mg/L	1	6/27/2007
Dimethyl phthalate	ND	0.025		mg/L	1	6/27/2007
4,6-Dinitro-2-methylphenol	ND	0.12		mg/L	1	6/27/2007
2,4-Dinitrophenol	ND	0.12		mg/L	1	6/27/2007
2,4-Dinitrotoluene	ND	0.025		mg/L	1	6/27/2007
2,6-Dinitrotoluene	ND	0.025		mg/L	1	6/27/2007
Di-n-butyl phthalate	ND	0.025		mg/L	1	6/27/2007
Di-n-octyl phthalate	ND	0.025		mg/L	1	6/27/2007
Hexachlorobenzene	ND	0.025		mg/L	1	6/27/2007
Hexachlorobutadiene	ND	0.025		mg/L	1	6/27/2007
Hexachlorocyclopentadiene	ND	0.025		mg/L	1	6/27/2007
Hexachloroethane	ND	0.025		mg/L	1	6/27/2007
Isophorone	ND	0.025		mg/L	1	6/27/2007
2-Methylnaphthalene	ND	0.025		mg/L	1	6/27/2007
2-Methylphenol	0.18	0.025		mg/L	1	6/27/2007
4-Methylphenol	0.18	0.025		mg/L	1	6/27/2007
2-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
3-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
4-Nitroaniline	ND	0.12		mg/L	1	6/27/2007
2-Nitrophenol	ND	0.025		mg/L	1	6/27/2007
4-Nitrophenol	ND	0.12		mg/L	1	6/27/2007
Nitrobenzene	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodi-n-propylamine	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodimethylamine	ND	0.025		mg/L	1	6/27/2007
N-Nitrosodiphenylamine	ND	0.025		mg/L	1	6/27/2007
2, 2'-oxybis(1-Chloropropane)	ND	0.025		mg/L	1	6/27/2007
Pentachlorophenol	ND	0.12		mg/L	1	6/27/2007
Phenol	ND	0.025		mg/L	1	6/27/2007
Pyridine	ND	0.025		mg/L	1	6/27/2007
1,2,4-Trichlorobenzene	ND	0.025		mg/L	1	6/27/2007
2,4,5-Trichlorophenol	ND	0.05		mg/L	1	6/27/2007
2,4,6-Trichlorophenol	ND	0.025		mg/L	1	6/27/2007

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Client Sample ID: W-4
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Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**			Prep Date: **6/28/2007**		Analyst: **PS**
Benzene	ND	0.05		mg/L	10	7/2/2007
2-Butanone	0.44	0.1		mg/L	10	7/2/2007
Carbon tetrachloride	ND	0.05		mg/L	10	7/2/2007
Chlorobenzene	ND	0.05		mg/L	10	7/2/2007
Chloroform	ND	0.05		mg/L	10	7/2/2007
1,2-Dichloroethane	ND	0.05		mg/L	10	7/2/2007
1,1-Dichloroethene	ND	0.05		mg/L	10	7/2/2007
Tetrachloroethene	ND	0.05		mg/L	10	7/2/2007
Trichloroethene	0.23	0.05		mg/L	10	7/2/2007
Vinyl chloride	0.41	0.05		mg/L	10	7/2/2007
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Acetone	ND	0.1		mg/L	10	7/2/2007
Benzene	ND	0.05		mg/L	10	7/2/2007
Bromodichloromethane	ND	0.05		mg/L	10	7/2/2007
Bromoform	ND	0.05		mg/L	10	7/2/2007
Bromomethane	ND	0.1		mg/L	10	7/2/2007
2-Butanone	0.23	0.1		mg/L	10	7/2/2007
Carbon disulfide	ND	0.05		mg/L	10	7/2/2007
Carbon tetrachloride	ND	0.05		mg/L	10	7/2/2007
Chlorobenzene	ND	0.05		mg/L	10	7/2/2007
Chloroethane	ND	0.1		mg/L	10	7/2/2007
Chloroform	ND	0.05		mg/L	10	7/2/2007
Chloromethane	ND	0.1		mg/L	10	7/2/2007
Dibromochloromethane	ND	0.05		mg/L	10	7/2/2007
1,1-Dichloroethane	0.51	0.05		mg/L	10	7/2/2007
1,2-Dichloroethane	ND	0.05		mg/L	10	7/2/2007
1,1-Dichloroethene	ND	0.05		mg/L	10	7/2/2007
cis-1,2-Dichloroethene	23	0.5		mg/L	100	7/2/2007
trans-1,2-Dichloroethene	0.19	0.05		mg/L	10	7/2/2007
1,2-Dichloropropane	ND	0.05		mg/L	10	7/2/2007
cis-1,3-Dichloropropene	ND	0.01		mg/L	10	7/2/2007
trans-1,3-Dichloropropene	ND	0.01		mg/L	10	7/2/2007
Ethylbenzene	0.14	0.05		mg/L	10	7/2/2007
2-Hexanone	ND	0.1		mg/L	10	7/2/2007
4-Methyl-2-pentanone	3	0.1		mg/L	10	7/2/2007
Methylene chloride	0.25	0.05		mg/L	10	7/2/2007
Methyl tert-butyl ether	ND	0.05		mg/L	10	7/2/2007
Styrene	ND	0.05		mg/L	10	7/2/2007

Qualifiers:
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B - Analyte detected in the associated Method Blank
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RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

7/17/07

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-010

Client Sample ID: W-4
Collection Date: 6/26/2007 4:35:00 PM
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
1,1,2,2-Tetrachloroethane	ND	0.05		mg/L	10	7/2/2007
Tetrachloroethene	ND	0.05		mg/L	10	7/2/2007
Toluene	9.3	0.5		mg/L	100	7/2/2007
1,1,1-Trichloroethane	1.6	0.05		mg/L	10	7/2/2007
1,1,2-Trichloroethane	ND	0.05		mg/L	10	7/2/2007
Trichloroethene	0.061	0.05		mg/L	10	7/2/2007
Vinyl chloride	0.52	0.02		mg/L	10	7/2/2007
Xylenes, Total	0.64	0.15		mg/L	10	7/2/2007
pH	**E150.1**			Prep Date: **6/26/2007**		Analyst: **RW**
pH	6.1		*	pH units	1	6/26/2007

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* - Non-accredited parameter
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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MH 8/1/07

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Reported: July 17, 2007
Date Printed: July 17, 2007

Client: STN, Inc.
Lab Order: 07060789
Project: US Scrap, 123rd & Cottage Grove
Lab ID: 07060789-011

Client Sample ID: Trip Blank
Collection Date:
Matrix: Water

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	**SW8260B (SW5030B)**			Prep Date:		Analyst: **PS**
Acetone	ND	0.01		mg/L	1	7/1/2007
Benzene	ND	0.005		mg/L	1	7/1/2007
Bromodichloromethane	ND	0.005		mg/L	1	7/1/2007
Bromoform	ND	0.005		mg/L	1	7/1/2007
Bromomethane	ND	0.01		mg/L	1	7/1/2007
2-Butanone	ND	0.01		mg/L	1	7/1/2007
Carbon disulfide	ND	0.005		mg/L	1	7/1/2007
Carbon tetrachloride	ND	0.005		mg/L	1	7/1/2007
Chlorobenzene	ND	0.005		mg/L	1	7/1/2007
Chloroethane	ND	0.01		mg/L	1	7/1/2007
Chloroform	ND	0.005		mg/L	1	7/1/2007
Chloromethane	ND	0.01		mg/L	1	7/1/2007
Dibromochloromethane	ND	0.005		mg/L	1	7/1/2007
1,1-Dichloroethane	ND	0.005		mg/L	1	7/1/2007
1,2-Dichloroethane	ND	0.005		mg/L	1	7/1/2007
1,1-Dichloroethene	ND	0.005		mg/L	1	7/1/2007
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	7/1/2007
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	7/1/2007
1,2-Dichloropropane	ND	0.005		mg/L	1	7/1/2007
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	7/1/2007
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	7/1/2007
Ethylbenzene	ND	0.005		mg/L	1	7/1/2007
2-Hexanone	ND	0.01		mg/L	1	7/1/2007
4-Methyl-2-pentanone	ND	0.01		mg/L	1	7/1/2007
Methylene chloride	ND	0.005		mg/L	1	7/1/2007
Methyl tert-butyl ether	ND	0.005		mg/L	1	7/1/2007
Styrene	ND	0.005		mg/L	1	7/1/2007
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	7/1/2007
Tetrachloroethene	ND	0.005		mg/L	1	7/1/2007
Toluene	ND	0.005		mg/L	1	7/1/2007
1,1,1-Trichloroethane	ND	0.005		mg/L	1	7/1/2007
1,1,2-Trichloroethane	ND	0.005		mg/L	1	7/1/2007
Trichloroethene	ND	0.005		mg/L	1	7/1/2007
Vinyl chloride	ND	0.002		mg/L	1	7/1/2007
Xylenes, Total	ND	0.015		mg/L	1	7/1/2007

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8/1/07

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e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

№: 818091 Page : ____ of ____

Company: STAT
Project Number: [illegible] Client Tracking No.:
Project Name: Republic Steel US Scrap
Project Location: 123rd & Cottage
Sampler(s): Ron Bugg, Naren Babu, Lea Cole
Report To: K. Baldino Phone: 312 220 7000
Fax: 312 220 7004
QC Level: 1 2 3 4 e-mail: kbaldino@TNAINC.com

P.O. No.:
Quote No.:

Turn Around: Normal
Results Needed: am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	TCLP Metals	TCLP VOA	TCLP BNA	TCLP Pest/Herb	TCLP SVOC	TCLP PCBs	Total BNA	Total Pest/Herb	Total PCBs	Mercury	Total PAH	Remarks	Lab No.:
S-1	6/25	1205	Soil		X		2-16oz 1-4oz	X	X		X	X	X	X	X	X	X	X		001
S-2		1211	Soil		X		2-16oz	X	X		X	X	X	X	X	X	X	X		002
S-3		1525	Soil		X		2-16oz	X	X		X	X	X	X	X	X	X	X		003
S-4		1434	Soil		X		2-16oz 1-4oz	X	X		X	X	X	X	X	X	X	X		004
S-5		1545	Soil		X		2-16oz 1-4oz	X	X		X	X	X	X	X	X	X	X		005
S-6		1436	Soil		X		2-16oz 1-4oz	X	X		X	X	X	X	X	X	X	X		006
W-1		1500	Liq		Y		5	X			X		X	X	X	X	X	X	55 ppm	007
W-2		1559	Water		X		5	X			X		X	X	X	X	X	X		008
W-3		1651	Water		X		5	X			X		X	X	X	X	X	X		009
W-4	↓	1635	Water		X	X	4 1amb	X			X		X	X	X	X	X	X		010

Relinquished by: (Signature)	Date/Time: 6/26/07 1505	
Received by: (Signature)	Date/Time: 6/26/07 1305	
Relinquished by: (Signature)	Date/Time:	
Received by: (Signature)	Date/Time:	
Relinquished by: (Signature)	Date/Time:	
Received by: (Signature)	Date/Time:	

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 07060789

Received on Ice: Yes ☒ No ☐
Temperature: 3 °C